

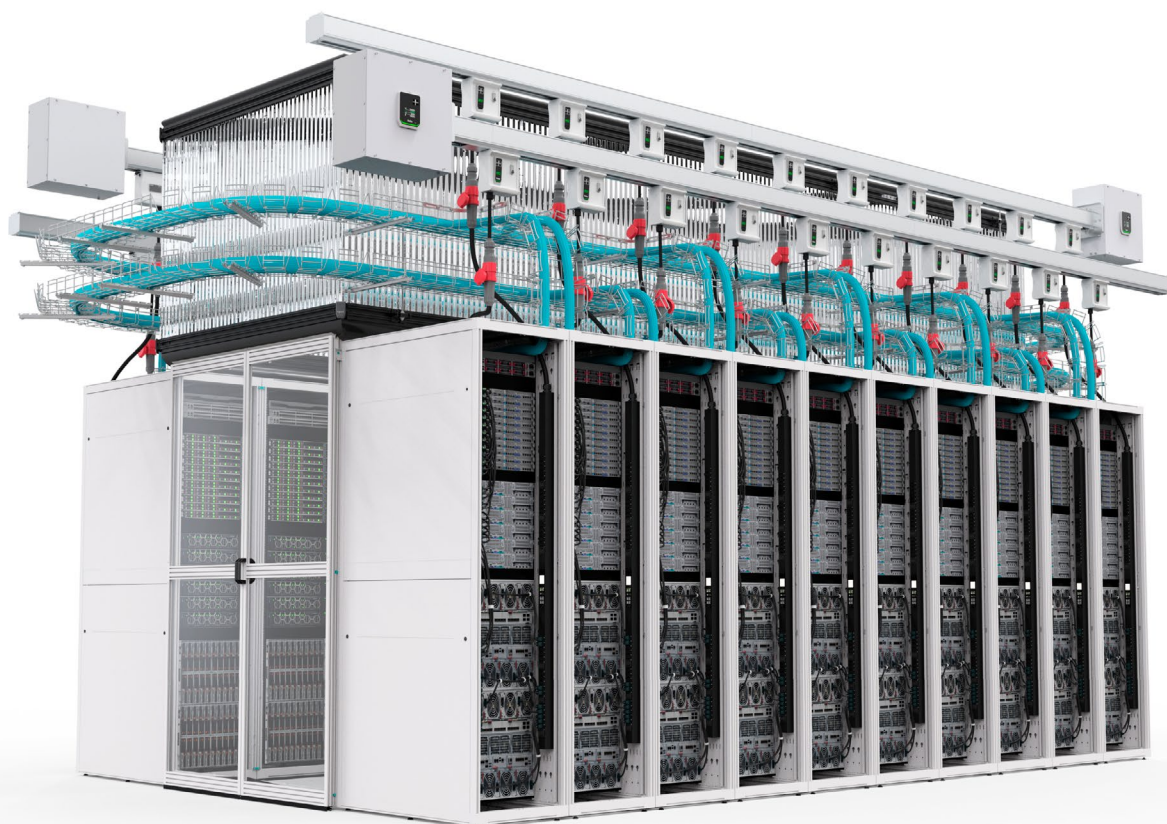
ORTRONICS | COPPER, FIBER & PHYSICAL SUPPORT

# NETWORK INFRASTRUCTURE SOLUTIONS CATALOG

 legrand®



# NETWORK INFRASTRUCTURE SOLUTIONS CATALOG



ORTRONICS | COPPER, FIBER & PHYSICAL SUPPORT

# TABLE OF CONTENTS

## RESOURCES AND INITIATIVES 4

About Legrand  
p.4

Sustainability  
p.5

nCompass  
p.6

Contractor Resources  
p.10

Field Sales Engineering  
p.14

## COPPER SOLUTIONS CONT.

Rugged Environment & Industrial Rated Solutions  
p.46

Clarity Series II  
p.48

SNAP Pre-Terminated Systems  
p.50

## FIBER OPTIC SOLUTIONS CONT.

Q-Series Enclosure Systems  
p.75

Passive Optical LAN Splitters  
p.82

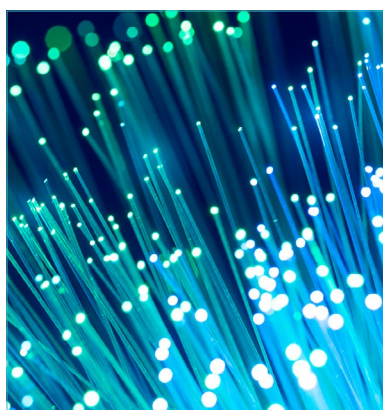
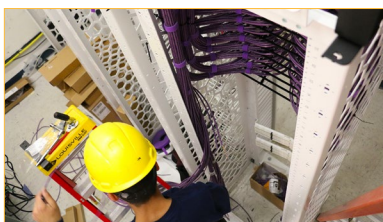
Infinium Fiber Trunk Cable Assembly Configurator  
p.84

Pre-Configured Infinium Patch Cable Assemblies  
p.85

Fiber Connectors  
p.91

Keyed LC Solutions  
p.94

Fiber Workstation Solutions  
p.96



## COPPER SOLUTIONS 16

Clarity High Density Jacks (HDJ)  
p.19

Clarity TracJack  
p.23

Clarity Multi-Port Loaded Patch Panels  
p.28

TechChoice  
p.30

Special Application  
p.35

Patch Cords & Cable Assemblies  
p.38

## FIBER OPTIC SOLUTIONS 56

Infinium acclA/M  
p.58

Infinium High Density Enhanced Enclosure System  
p.60

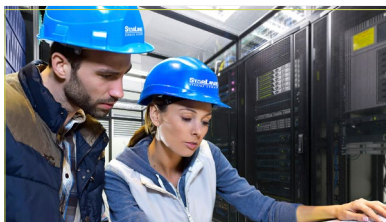
Unloaded Modular Panel Systems  
p.71



## OPTICS SOLUTIONS 104

Legrand Transceivers, DACs, and AOCs  
p.105

# TABLE OF CONTENTS



## PHYSICAL SUPPORT SOLUTIONS 108

Mighty Mo 20 Cable  
Cable Management  
System

p.110

Standard EIA Racks and  
Cable Management

p.123

Vertical Managers,  
Organizers & Rings

p.125

Horizontal Cable  
Management Panels

p.126

Filler Panels

p.130

Equipment Shelves

p.131

Wall Mount  
Cabinet Solutions

p.134

Compact Edge  
Cabinets

p.138

## PHYSICAL SUPPORT SOLUTIONS CONT.

Legrand Wall  
Mount Racks

p.139

Hinged & Vertical  
Wall Mount Brackets

p.141

Overhead Cable  
Pathway Racks

p.142



## PHYSICAL SUPPORT HARDWARE & ACCESSORIES 145

Bonding Bars & Kits

p.147

Compression Lugs & Taps

p.149

Bonding Jumper & Lugs

p.150

Antioxidant & Isolation  
Pads

p.151

Runway & Accessories

p.152



## CABLOFIL SOLUTIONS 162

Splice & Connector  
Hardware

p.164

Fast Assembly  
System (FAS)

p.165

J-Hooks

p.166

Accessories

p.167

Finishes & Certifications

p.168

## WARRANTIES 170

Legrand DAT Basic  
Product Warranty

p.170

## FILL CHARTS 173

## INDEX 175



# ABOUT LEGRAND®

## Legrand Introduction

Legrand is the global specialist in electrical and digital building infrastructures. Its comprehensive offering of solutions for use in commercial, industrial, and residential markets makes it a benchmark for customers worldwide. Drawing on an approach that involves all teams and stakeholders, Legrand is pursuing its strategy of profitable and sustainable growth driven by acquisitions and innovation, with a steady flow of new offerings—including connected products stemming from Legrand’s global Eliot (Electricity and IoT) program. Legrand is one of the most sustainable companies in the world, as ranked by the Corporate Knights, and is committed to achieving carbon, water, and waste reductions in its operations, deepening its community relationships, and continuously improving the environmental profile of its products. Legrand reported sales of around \$7.4 billion (USD) in 2019. Legrand has a strong presence in North and Central America, with a portfolio of well-known market brands and product lines. Legrand is listed on Euronext Paris and is a component stock of indexes including the CAC40, [www.legrand.us](http://www.legrand.us).

### Data, Power, and Control

At Legrand’s Data, Power & Control Division we uniquely differentiate ourselves with an intense focus on customer requirements and challenges - responding to those needs with a complete catalog of premium-engineered, purpose-built offers. Each of our brands, including Ortronics, Raritan, Server Technology, and Starline, boasts a long history of solving difficult requirements with innovation and engineering. With the world’s largest R&D team focused solely on datacenter whitespace and digital building infrastructure solutions, Legrand’s Data, Power, and Control Division offers IT and data center managers a true innovation partner. Our premium, best-in-class designs lead the industry across multiple product categories, while customers still retain the convenience and security of a single vendor.

### Global Vision

We transform the spaces where people live and work, through innovative products and solutions that deliver and manage power, light, and data. We do this by relentlessly pursuing both sustainable business practices and the creation of exceptional experiences through the products we design and manufacture, the relationships we build and the way we work.

# SUSTAINABILITY

## Overview

At Legrand's Data, Power & Control Division, we are committed to providing solutions that enable high performance sustainable buildings, reducing the environmental impacts of our operations, and improving employee and community welfare. The Data, Power & Control Division maintains accountability for the environmental impact of its activities and has integrated a culture of sustainability into daily business practices. The Division is committed to:

- Conducting our business and operations to meet the highest ethical standards, and in an environmentally responsible manner
- Engaging in and contributing to the communities where we conduct business
- Training our employees on best practices for embedding sustainability into our culture, including educational programs on environmental responsibility
- Coordinating environmental compliance with our suppliers
- Introducing innovative products for our customers that support our goals of durability, recyclability, and reflecting our commitment to eco-design

Legrand's Data, Power & Control Division is a member of:

*[USGBC Platinum Member, HPDC Member, IWBI Keystone Member, LP50 Member, PEP Association member]*



*National Partnerships with Community Organizations:*



To read more about our sustainability initiatives, across North America visit [www.legrand.us/sustainability](http://www.legrand.us/sustainability)



# nCompass

## Overview

Since first forming nCompass systems in 2013, Legrand and Superior Essex have offered a streamlined suite of high-performance products specifically designed to optimize your copper and optical fiber structured cabling and connectivity.

By channeling over a century of combined expertise into the all-in-one solution of cabling, jacks, racks, cabinetry and more known as nCompass, we have created the latest and greatest in integrated, innovative, sustainable communications design able to handle everything your network needs.

Legrand North America is the largest division of Legrand – the global specialist in electrical and digital building infrastructures such as power, light and data. In North America, Legrand’s high-performance network infrastructure solutions feature well-known product lines, including Cablofil®, Ortronics®, Quiktron®, Raritan®, Servertech®, Starline® and Wiremold®. This comprehensive offering includes copper and fiber optic connectivity, as well as physical infrastructure and power products.

Superior Essex is the leading manufacturer and supplier of communications cable in North America. It works on the forefront of innovation through Power-over-Ethernet technology, Intelligent Buildings and Cities, 5G Fiber infrastructure (including Hybrid and Composite solutions) and by setting the industry’s space on sustainability by being the first company in the industry with Zero Waste to Landfill certification.

With joint product development from Legrand and Superior Essex, you’re guaranteed not only interoperability but also best-in-class performance for cabling and connectivity systems. Through our use of state-of-the-art research facilities and in-house ETL testing, all nCompass systems products are verified to ensure that they meet and exceed industry performance standards. With its expansive product portfolio with sustainability certifications, nCompass systems also contributes to green building certifications such as LEED, WELL, and Living Building Challenge.

For more information about nCompass please visit: <https://www.ncompass-systems.com/>

# Sustainability Messaging with nCompass Systems

## The First Structured Cabling System Contributing Toward Green Building Rating Systems

With the most recent revisions of leading green building rating systems such as LEED, WELL and the Living Building Challenge, the demand for product transparency is greater than ever. Increasingly, building owners and homeowners are seeking to know what is inside their products and to understand the impacts of how they were produced.

This rise in demand for increased transparency calls for manufacturers to explore their own supply chains and manufacturing practices. Legrand® and Superior Essex® recognize that evolution is necessary to truly understand how our manufacturing processes, product design, material selection and supplier relationships can work together to create more sustainable communications products.

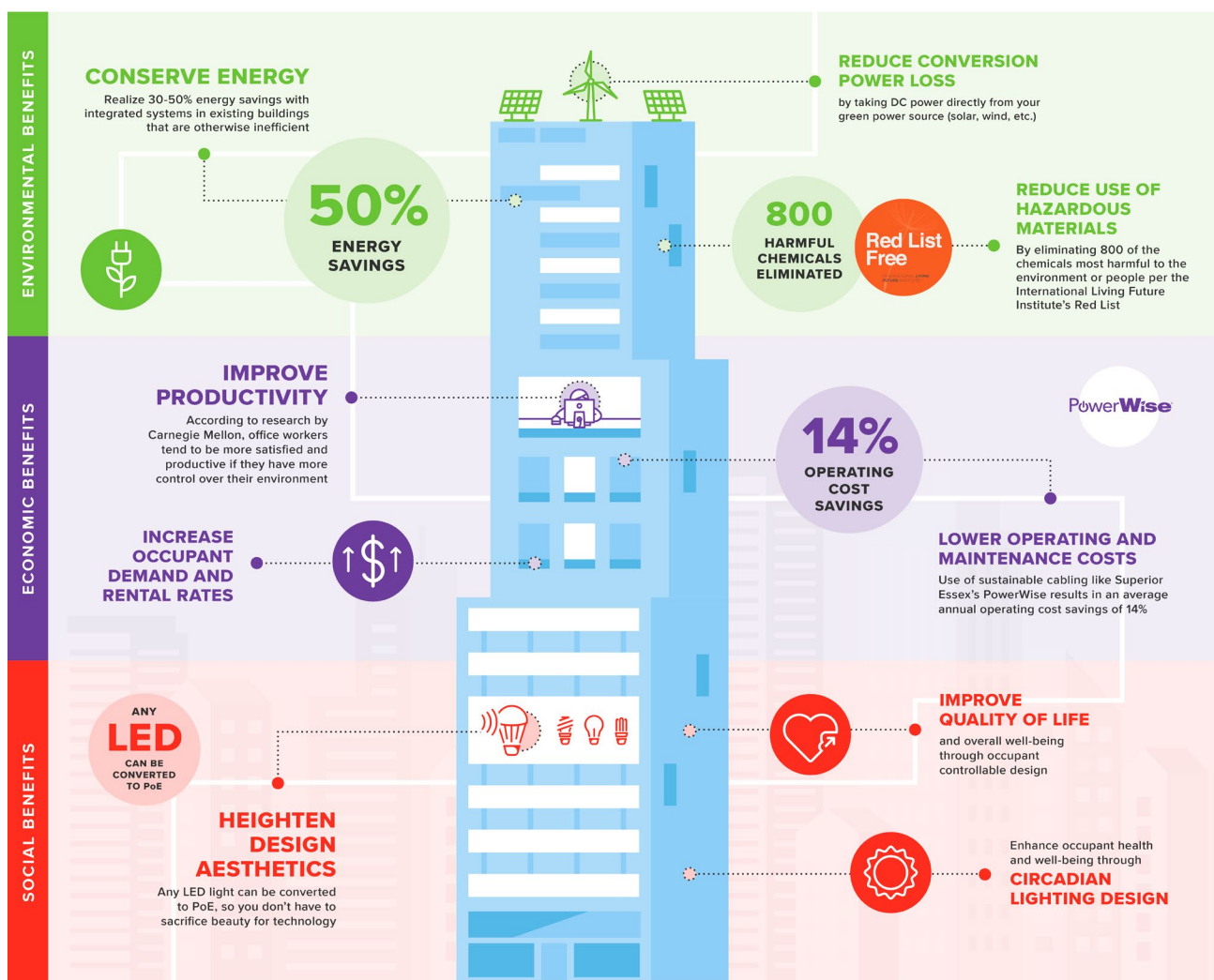
To meet these rising consumer demands, those of us at Legrand and Superior Essex have combined our industry-leading expertise in product transparency and sustainable manufacturing into nCompass™ Systems. This solution is the first complete structured cabling system designed to help you reach your goals for green building projects by providing transparent product information for the majority of our copper and optical fiber cable and connectivity products. Customers working on green building projects seeking LEED, WELL and/or Living Building Challenge certification can leverage our numerous nCompass products featuring EPDs, HPDs, Declare labels and Living Product Challenge certifications to meet these specific, sustainable material goals.

## Legrand & Superior Essex Product Transparency Contributes to Green Building Rating systems

| Rating System                                                                                                         | Product Documentation                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    |      |
|                                    |                                                                                                                                                                             |
|  <b>LIVING BUILDING CHALLENGE™</b> |                                                                                                                                                                             |

# HOW SMART BUILDINGS, CABLING & CONNECTIVITY IMPROVE SUSTAINABILITY

Recent advances in communications technologies and the rapid growth of the Internet of Things (IoT) have allowed end-users to rethink the way they control, light and live in their environments. When building systems, services and devices are interconnected over local IP networks through Power-over-Ethernet (PoE) technologies, any building space can be optimized to increase energy efficiency. This type of digital transformation aligns perfectly with the missions of the LEED, WELL and Living Building Challenge standards to enable efficient, regenerative, resilient design that supports occupant health and wellbeing.



For more information on how Legrand and Superior Essex products can help contribute to your green building certifications, view the nCompass Environmental Leadership Brochure or the Mindful MATERIALS library (<https://mindfulmaterials.origin.build/#/materials>).



## Our Unparalleled Warranties

Our nCompass systems are backed by unprecedented, industry-leading, extended warranties that guarantee the performance, applications, product and labor on certified horizontal and backbone systems to assure that your network will conform to specifications and operate with maximum uptime.

### nCompass Premium Performance Limited Lifetime Warranty (up to 40 years)

#### **Copper**

nCompass copper systems are designed to deliver the best solutions for your network. Together, Superior Essex and Legrand offer solutions to address your challenges, such as higher performance demands, flexibility, and peace of mind that you will have a reliable network with ample headroom to accommodate greater bandwidth and density needs. All systems meet or exceed industry standards and are backed by an extended warranty.

CAT6A+ U/UTP • CAT6A+ F/UTP • CAT6E+ U/UTP • CAT6+ U/UTP • CAT6+ F/UTP • CAT5E+ U/UTP

#### **Fiber**

nCompass optical fiber systems are designed with high-performing cabling and connectivity. You have the choice of laser optimized 50-micron (LOMF) OM3/OM4 multimode or bend insensitive single mode fiber cabling with ST, SC, LC and MPO connectivity options for either standard, high or ultra-high-density management. All systems support advanced network performance requirements for LAN, data centers, storage area networks (SAN) and campus environments.

Infinium Quantum® • Infinium Ultra® • Infinium Core® • OM4+ • OM3/OM4 • OS2

### nCompass Smart Building Warranty

PowerWise® 1G 4PPoE

### nCompass Standard Performance Limited Lifetime Warranty (up to 40 years)

CAT6A F/UTP • CAT6A U/UTP • CAT6A U/UTP (RDC) • CAT6 F/UTP • CAT6 U/UTP •  
CAT6 U/UTP (RDC) • CAT5E U/UTP

*(Please refer to nCompass-systems.com for complete details on warranties and system specification information.)*

**\*Always check with Legrand for the latest version of any legal documents\***

# CONTRACTOR RESOURCES

## Certified Contractor Partners Program

Knowledgeable, experienced and well-trained contractors ensure a better return on investment for the end customer's network investment. Contractor certification is an important component of successful installations that is often overlooked. Data Infrastructure (Ortronics brand), part of the Data, Power & Control Division (DPC), has developed comprehensive certification programs that provide project design and installation services assurance for our partners.

Certification is at the company level, not individual, although individuals must complete training as part of the company's commitment to being a certified contractor. Only certified contractor companies may offer an extended warranty on behalf of Data Infrastructure (Ortronics brand), of the Data, Power & Control Division.

An extensive network of qualified Legrand Certified Contractors is available globally. Three distinct tier levels have been created to provide support for each project's unique requirements.

| CIP-Elite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CI                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Best partner</li> <li>Beneficial advantages of industry leaders working together</li> <li>Highest value to end customer</li> <li>Capable of supporting national end users</li> <li>Defined business plan</li> <li>BICSI RCDDs on staff</li> <li>Meets training requirements</li> <li>Proactive Sales Strategy</li> <li>Value added go-to-market strategy</li> <li>Knowledge about the latest options for copper and fiber connectivity, racks, cabinets, physical supports, and power for building networks and data center infrastructure</li> <li>May extend nCompass Limited Lifetime Warranty</li> <li>May extend 25-year Warranty</li> </ul> | <ul style="list-style-type: none"> <li>Good business partner</li> <li>Mid to larger contractor</li> <li>Local projects</li> <li>BICSI RCDDs on staff</li> <li>Project management capabilities</li> <li>Meets training requirements</li> <li>Knowledge about the latest options for copper and fiber connectivity, racks, cabinets, physical supports, and power for building networks and data center infrastructure</li> <li>May extend nCompass Limited Lifetime Warranty</li> <li>May extend 25-year Warranty</li> </ul> | <ul style="list-style-type: none"> <li>A smaller contractor</li> <li>An entry level tier to evaluate new partners</li> <li>Small projects, MAC &amp; discretionary (cords, jacks) business</li> <li>Meets training requirements</li> <li>Access to product &amp; solutions training and information</li> <li>May extend 25-year Warranty</li> </ul> |

Contractor company certification must be approved by the Data Infrastructure, DPC Division local sales agency, sales management and training department management. To inquire about becoming a certified contractor company, or if you are looking for a certified contractor for a project, contact your local sales agency. Use the Where To Buy link in the upper right corner of the page (<https://www.legrand.us/where-to-buy/shop-local>). Select Sales Rep for "Where to Buy" Ortronics or Quiktron for the "Brand Name" and select the best category that identifies "Who you are".

## Education

With technology constantly evolving, technology requirements changing, new product and solutions offered, new installation practices needed, it is a challenge to keep up with everything. Whether it is to help someone do their job more efficiently or expand their capabilities, or to help a company learn about new options and technology to better meet their needs or expand their business, Legrand understands that the only effective education and training is one that meets the needs of the learner.

Data Infrastructure (DAT), part of the Data, Power and Control (DPC) Division of Legrand, offers a variety of learning experiences. There is industry training to help keep up with new technologies and solutions, best practices and other relevant topics. There is also training for our certified contractor partners that helps them learn installation tips & tricks, best practices for installing a variety of products and solutions, requirements to maximize the performance of the structured cabling being installed, along with providing peace-of-mind for customers working with a certified contractor.

## Industry Training

Legrand (DAT) offers a host of training for all facets of our industry. A host of additional courses can be found on the Legrand University ([go.bluevolt.com/Legrand](http://go.bluevolt.com/Legrand)). Our industry experts are able to offer specialized courses on a variety of topics. Many of our courses are available for BICSI CECs as well. Customized training can be offered, also. Topics include, but are not limited to the following:

- Data Center Technologies & Solutions
- Smart Building Technologies & Solutions
- Edge Solutions
- Current Industry Topics
- Technology Trends
- Market and application specific solutions (i.e. Data Center, Edge, Smart Building, Healthcare, Education, Financial, Retail, etc.)



## Training for Certified Contractor Partners

Proper application & design, as well as proper installation, are among the critical pillars necessary to bring reliable high-speed data information transport systems to our end users. To ensure proper practices are followed, while providing the appropriate information relevant for different roles, DAT offers two levels of courses for our contractor partners. DAT also provides customized training as requested. This could be splicing training for a contractor just beginning to use splicing or training on time-savings installation practices, etc.

Courses are offered in-person and online. All guidelines and best practices discussed are within TIA requirements and BICSI best practices. The manager-level course is designed to provide top-level managers with the latest information on the telecommunications industry standards requirements, installation efficiency tips, new DAT products and programs, and discussions on topics like the Internet of Things, smart buildings, power over Ethernet (PoE), edge, and data centers, to name a few.

There is also training for the field technician that provides comprehensive information and practical skills for terminating and installing DAT products (copper, fiber, physical support), testing and troubleshooting, tips and tricks to save time and requirements for warranty certification.



## Basic Warranty

The basic warranty covers Data Infrastructure (DPC division) products sold through authorized channels. The warranty guarantees cover product repair or replacement, excluding labor costs, from the time of purchase for the term listed below.

- Connectivity, physical support & cable management – 5 yrs.
- Transceivers – 10 yrs.
- Other Active Devices – 1 yr.

This warranty does not require product to be installed by a certified contractor company or to be registered. Full warranty statement is available on [Legrand.us](http://Legrand.us) in the Network Infrastructure section.



## nCompass Limited Lifetime Warranty

Legrand also offers the best warranty in the industry, the nCompass Limited Lifetime warranty with Superior Essex®. To qualify for an nCompass warranty, the structured cabling solution must be comprised of Ortronics/Quiktron connectivity and the corresponding Superior Essex cable. There are standards-compliant solutions and premium solutions that provide headroom above the standards. The complete range of nCompass structured cabling systems are defined on data sheets created for each solution. These data sheets are available at [nCompass-systems.com](http://nCompass-systems.com).

When you rely on the performance of your network, it is important that you have a system you can depend on. nCompass systems are backed by extended warranty programs with performance guarantees that are unmatched in the industry, giving you the assurance and peace of mind that your network will conform to specifications and operate with maximum uptime.

The nCompass Premium Limited Lifetime Warranty guarantees product repair or replacement from the time of purchase including labor costs. Performance is guaranteed above the standards and is stated on the specific solutions data sheet. This warranty is issued when a DAT (Ortronics) Certified Contractor Company (CIP-Elite or CIP) installs approved Superior Essex cable and Ortronics connectivity, including Clarity® patch cords by Legrand. This set of solutions include a fiber solution that only has 0.75dB total connection loss in a channel consisting of 100 meters of MM or SM fiber, along with a cassette and patch cord at each end. This solution is unmatched in the industry today.

In addition to the nCompass Premium Limited Lifetime Warranty, the nCompass Standard Limited Lifetime Warranty provides warranty assurance that the system performance will meet the standards. This warranty may be issued when a Certified Contractor (CIP-Elite or CIP) installs approved Superior Essex cable and Ortronics/Quiktron connectivity including patch cords, as listed on the specific solutions data sheet.

Go to [www.ncompass-systems.com](http://www.ncompass-systems.com) for more information about nCompass solutions and warranties, including data sheets, and full warranty statements.

## 25-Year Certified Warranty & Installation

Legrand also offers a 25-year warranty on projects installed by any DAT certified contractor company, at any tier.

- Guarantees product repair or replacement including labor costs.
- A DAT certified contractor company, in good standing, must install the connectivity. Cable is included if from an approved manufacturer. (Some exclusions may apply. Contact the DAT Training & Technology Department with questions.)
- All requirements of the Legrand certification and warranty program must be met, which includes having the certified contractor company register the project for warranty.

**\*Always check with Legrand for the latest version of any legal documents\***

*If you require further information about our programs, training or warranties,  
please call the DAT Training & Technology Department at (INT) +1 860.405.2988.*

# FIELD SALES ENGINEERING

## Flawless Deployment Of Your Project

Legrand is transforming the way IT infrastructure is being deployed. Simplify installation and maintenance by utilizing the Legrand Field Sales Engineering team. This value-added resource is comprised of highly-skilled engineers and product managers that represent the service and support layer of Legrand. Our team will help support your projects – delivering practical solutions to common problems, flawless deployment, and immediate return on your investment

### Field Sales Engineering provides

#### Design Support

- Detailed Planning for growth and scalability
- Layouts
- Drawings
- Situational Analysis
- RFI/RFP Review

#### Implementation

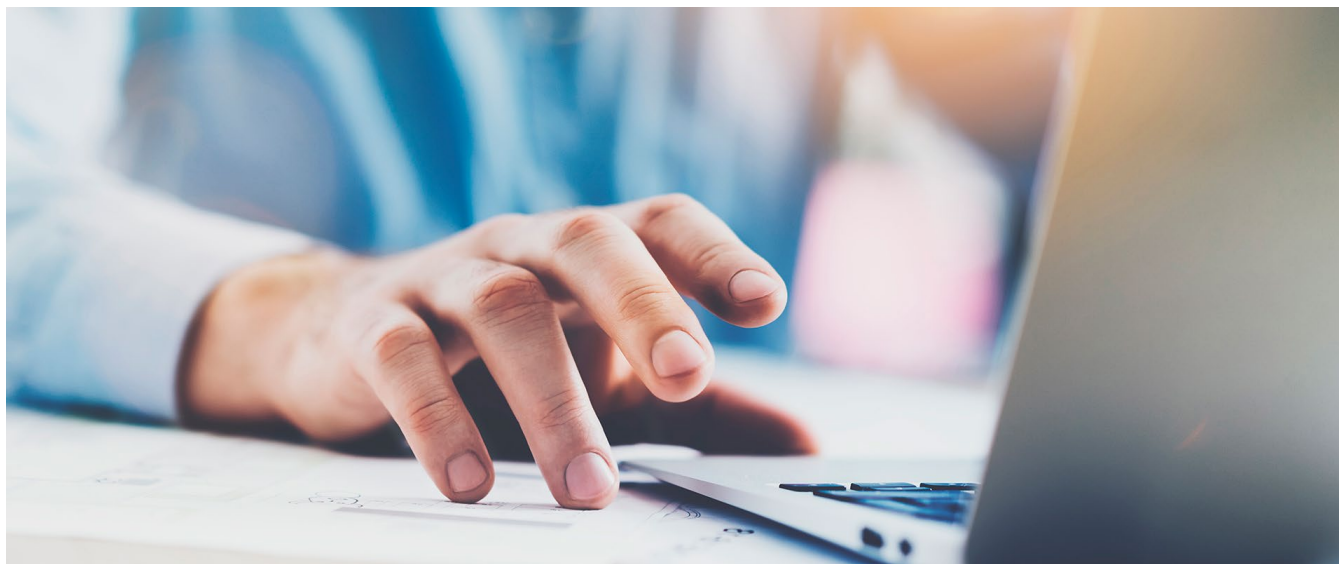
- Tech Support
- Product Training
- Installation Support
- Specification Validation
- Configuration Support
- Specification Document Review

To engage Legrand's Field Sales Engineering team

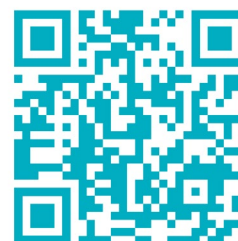
Email: [PSET@LEGRAND.US](mailto:PSET@LEGRAND.US)

Phone number: 1.877.717.0498

## Where to Purchase



To place orders, locate a Distributor or Legrand Sales Rep in your area by scanning this QR code:



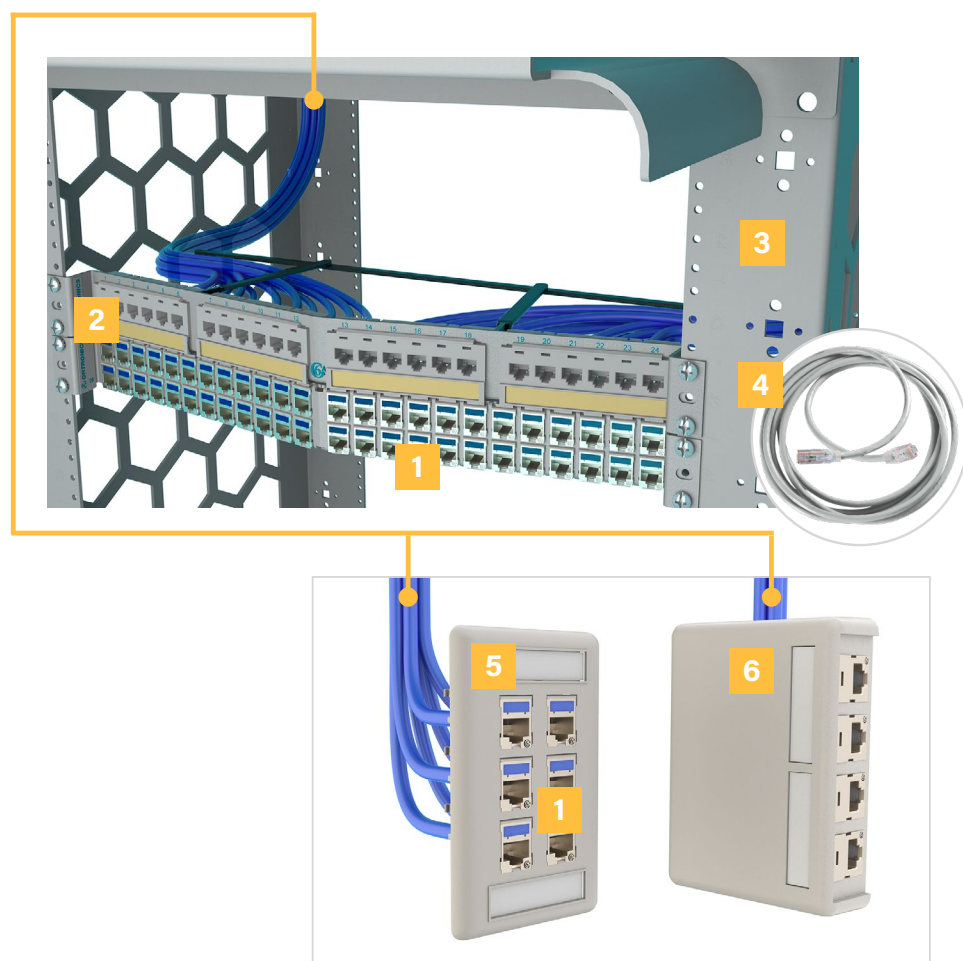
### LEGRAND RVP's:

| RVP           | EMAIL                    | TERRITORY                                                                  |
|---------------|--------------------------|----------------------------------------------------------------------------|
| Kathy Collins | Kathy.Collins@Legrand.us | CT, DE, IN, KY, MA, ME, MI, MN, ND, NH, NJ, NY, OH, PA, RI, SD, VT, WI, WV |
| Tom Miles     | Tom.Miles@Legrand.us     | AL, AR, DC, FL, GA, IA, IL, KS, LA, MD, MO, MS, NC, NE, OK, SC, TN, TX, VA |
| Tom Feiden    | Tom.Feiden@Legrand.us    | AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, WY                         |



# COPPER SOLUTIONS

Our Copper Solutions deliver exceptional value and performance backed by customer support that is unparalleled in the marketplace. We offer a range of jacks, patch panels, workstation mounting accessories, EZ Patch™ packaging solutions, and copper patch cords that complement our custom and standard copper solutions – for a fully integrated system.



## Key

- 1 Shielded Clarity High Density Jacks
- 2 Shielded Clarity Patch Panels
- 3 Mighty Mo 20 Rack System
- 4 Shielded Clarity Patch Cords
- 5 Clarity HDJ Workstation Face Plates
- 6 Clarity High Density Surface Mount Boxes

## COPPER SOLUTIONS

**Premium**

Clarity® connectivity and premium patch cords offer unmatched performance and reliability in the industry.

**Standard**

TechChoice® connectivity and standard performance patch cords provide an option for networks that require quality components at competitive prices with quick delivery times.

## SYSTEM FEATURES

|                                                                                                                |                                             |                                  |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|
| Doubled RU Space with High Density Solutions to Address the Challenge of Space Limitations                     | Yes                                         | No                               |
| Intertek ETL Verified Components for 3rd Party Verified Premium Performance                                    | Yes                                         | No                               |
| PoE Rated for 1.5+ Amps Per Circuit Trace with Arcing Erosion Migration to Support High Powered PoE up to 100W | Yes                                         | Yes                              |
| Front or Rear Loading Jacks for Flexible Installation Scheduling                                               | Yes                                         | No                               |
| Full Suite of Patch Panel Solutions to Match Aesthetics for an Integrated Legrand System                       | Yes                                         | No                               |
| Mixed Media Capabilities for a Dynamic, Expandable Network within an Existing Footprint                        | Yes                                         | No                               |
| More than 50 Years of Innovation for Minimized Installation and service Time                                   | Yes                                         | Yes                              |
| Patch Panels with Rear Cable Management to Protect the Integrity of Connections                                | Full Line                                   | Limited                          |
| nCompass™ Warrantied Solutions Guarantee Premium Performance Headroom                                          | Premium                                     | Standard                         |
| Jacks, panels, workstation and patch cables within performance line                                            | Clarity/HDJ/TracJack/<br>EZ Patch/PowerWise | TechChoice/KT2J/<br>KTS/Q-Series |

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

# COPPER SOLUTIONS

## Copper Jacks Comparison Guide

| PRODUCT SERIES | Clarity |                    | TechChoice (Keystone) |         |
|----------------|---------|--------------------|-----------------------|---------|
|                | HDJ     | TracJack           | KT2J                  | KS      |
|                | HDJx-XX | TJx00-XX / TJ6A-XX | KT2Jx-XX              | KSxX-XX |



| PERFORMANCE                | Premium Performance                                                                       |                                                                                           | Standard Performance                                               |                                              |
|----------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------|
| Workstation / Panel / Both | Both                                                                                      | Workstation                                                                               | Both                                                               | Both                                         |
| Patch Panel Compatibility  | Unloaded HD Series                                                                        | -                                                                                         | Unloaded SP Series                                                 |                                              |
| Category Rating            | 5E/6/6A                                                                                   | 5E/6/6A                                                                                   | 5E/6/6A                                                            | 5E/6                                         |
| Termination Method         | Lacing Cap (Crimp)                                                                        | 110 Punch Down                                                                            | Lacing Cap (Crimp)                                                 | 110 Punch Down                               |
| Loading                    | Rear                                                                                      | Front                                                                                     | Rear                                                               | Rear                                         |
| Shielded Option            | HDJS                                                                                      | TJS                                                                                       | KSFTP                                                              |                                              |
| Where's the Opportunity    | High-Performance Data Networks<br>University Campuses<br>Commercial Leaders<br>Healthcare | High-Performance Data Networks<br>University Campuses<br>Commercial Leaders<br>Healthcare | Municipal<br>General Government<br>K-12<br>Open Spec<br>Commercial | Municipal<br>K-12<br>Open Spec<br>Commercial |

### Colors

\* Standard color is Fog White. Choose from additional colors by adding suffix designation.

- Black (-00)
- Blue (-36)
- Dark Gray (-78)
- Green (-45)
- Ivory (-13)
- Orange (-43)
- Red (-42)
- Violet (-27)
- White (-88)
- Yellow (-44)

- Black (-00)
- Blue (-36)
- Dark Gray (-78)
- Wiremold Ivory (-99)
- Gray (-68)
- Green (-45)
- Ivory (-13)
- Orange (-43)
- Red (-42)
- Violet (-27)
- White (-88)
- Yellow (-44)

- Black (-00)
- Blue (-36)
- Wiremold Ivory (-99)
- Gray (-68)
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- Black (-00)
- Blue (-36)
- Wiremold Ivory (-99)
- Gray (-68)
- Green (-45)
- Orange (-43)
- Red (-42)
- White (-88)
- Yellow (-44)

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| POE RATING | Rated up to 1.5 Amps per Circuit Trace. Supports up to 100W. Arc Erosion Mitigation |
|------------|-------------------------------------------------------------------------------------|

Note: Single jacks must be ordered in quantities of 20. Termination tools supplied with HDJ and KT2J.

|                                                                                             |                                                                                                                  |                                                                                           |        |                                                                                                                                              |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|
| ADDITIONAL CONNECTOR TYPES<br><br>*Additional connectors available in limited color options | F-Conn Coax<br>HDMI<br>Blanks<br>3.5mm Audio<br>DC Barrel Connector<br><br>Fiber: Duplex LC<br>Simplex SC<br>MPO | RCA<br>F-Conn Coax<br>3.5mm Audio<br>BNC<br>S-Video<br>Blanks<br>Fiber: LC, Duplex SC, ST | Blanks | S-Video<br>BNC Connector<br>HDMI<br>USB 2.0<br>3.5mm Audio<br>¼ in Stereo<br>F-Conn Coax<br>RCA<br>Blanks<br>Fiber: LC, MTRJ, Simplex SC, ST |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|

# COPPER SOLUTIONS

## Clarity High Density Jacks (HDJ)

### High Density Jacks (HDJ) - Unshielded – Premium Solutions

(Rear Loading, Lacing Cap Termination)

Clarity High Density Jacks (HDJ) unshielded are available in CAT5E, CAT6 and CAT6A, featuring lacing cap termination with icon slot for port ID. Jacks are sold in carton of 20, or bulk pack of 25, termination tool is included with each carton.

#### Features:

- High density, up to 48 ports in 1RU
- Quicker installs and more efficient moves, adds and changes

The following Part Numbers are offered globally: HDJ5E-78, HDJ6-00, HDJ6-36, HDJ6-44, HDJ6-88, HDJ6A-00, HDJ6A-36, HDJ6A-44, HDJS625, HDJS6A25, HDJBL10-00

| PART NO.   | DESCRIPTION                                                      |
|------------|------------------------------------------------------------------|
| HDJ5E-XX   | Clarity CAT5E High Density Jack, UTP, T568A/B                    |
| HDJ6-XX    | Clarity CAT6 High Density Jack, UTP, T568A/B                     |
| HDJ625-XX  | Clarity CAT6 High Density Jack, UTP, T568A/B, 25 Pack            |
| HDJ6A-XX   | Clarity CAT6A High Density Jack, UTP, T568A/B                    |
| HDJ6A25-XX | Clarity CAT6A High Density Jack, UTP, T568A/B, 25 Pack           |
| HDJTJA20   | Clarity High Density Jack to TracJack Adapter, 20-Pack Fog White |
| HDJBL10-YY | Clarity High Density Jack 1-Port Blank, 10 Pack                  |
| PRTICON-XX | Color Coded Port ID Icon for HDJ, HDJS, KT2J, KS and KSFTP       |

Note: Fiber Optic Modules also available – See Fiber Optic HDFM Adapter Panel (page 73)

#### REMOVE -XX FOR FOG WHITE, FOR OTHER COLORS REPLACE XX WITH TAIL CODES FROM LIST BELOW

| Standard  | -00   | -13   | -27    | -36  | -42 | -43    | -44    | -45   | -78       | -88   | -99            |
|-----------|-------|-------|--------|------|-----|--------|--------|-------|-----------|-------|----------------|
|           |       |       |        |      |     |        |        |       |           |       |                |
| Fog White | Black | Ivory | Violet | Blue | Red | Orange | Yellow | Green | Dark Gray | White | Wiremold Ivory |

Standard quantities are packs of 20 (00, 36, 88 available in bulk packs of 25)

#### REMOVE -YY FOR FOG WHITE, FOR OTHER COLORS REPLACE YY WITH TAIL CODES FROM LIST BELOW

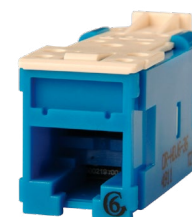
| STANDARD  | -00   | -13   | -78       | -88   |
|-----------|-------|-------|-----------|-------|
|           |       |       |           |       |
| Fog White | Black | Ivory | Dark Gray | White |

### High Density Jacks (HDJS) – Shielded – Premium Solutions

(Rear Loading, Lacing Cap Termination)

Clarity High Density Jacks (HDJS) shielded are available in CAT6 and CAT6A, featuring lacing cap termination. Shielded HDJ modules accept colored icon inserts for high visibility port identification.

| PART NO.   | DESCRIPTION                                                    |
|------------|----------------------------------------------------------------|
| HDJS6      | Clarity Shielded CAT6 High Density Jack Plenum Rated           |
| HDJS625    | Clarity Shielded CAT6 High Density Jack Plenum Rated, 25 Pack  |
| HDJS6A     | Clarity Shielded CAT6A High Density Jack Plenum Rated          |
| HDJS6A25   | Clarity Shielded CAT6A High Density Jack Plenum Rated, 25 Pack |
| HDJBL10-YY | Clarity High Density Jack 1-Port Blank, 10 Pack                |



HDJ6-36



HDJBL10-00



PRTICON



HDJS6A



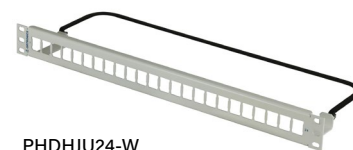
# COPPER SOLUTIONS

## Clarity High Density Jacks (HDJ)

### HDJ Unshielded (UTP) Patch Panels – Premium Solutions

24, 48 and 72-port Clarity HDJ unloaded patch panels. Available in flat and angled. Accepts rear-loading HDJ series jacks or modules. Includes rear wire manager.

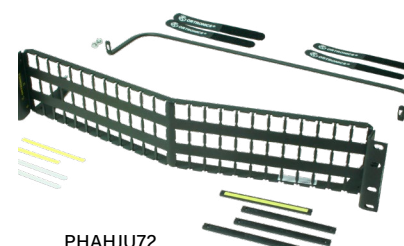
| FLAT     |            | ANGLED   |            | DESCRIPTION                                                       |
|----------|------------|----------|------------|-------------------------------------------------------------------|
| Black    | White      | Black    | White      |                                                                   |
| PART NO. |            |          |            |                                                                   |
| PHDHJU24 | PHDHJU24-W | PHAHJU24 | PHAHJU24-W | 24-Port HDJ Unloaded Patch Panel, 1RU                             |
| PSDHJU48 | PSDHJU48-W | PSAHJU48 | PSAHJU48-W | 48-Port Standard Density HDJ Unloaded Patch Panel, 2RU            |
| PHDFMU48 | -          | -        | -          | 48-Port HDJ Unloaded Fiber Panel Kit, with Label Bar, 1RU         |
| PHDHJU48 | PHDHJU48-W | PHAHJU48 | PHAHJU48-W | 48-Port HDJ Unloaded Patch Panel, 1RU                             |
| PHDHJU72 | PHDHJU72-W | PHAHJU72 | PHAHJU72-W | 72-Port HDJ Unloaded Patch Panel, 2RU                             |
| HDCM001  | -          | -        | -          | Fiber Rear Cable Management Tray, 1RU, Management Spools Included |



PHDHJU24-W



PSAHJU48-W



PHAHJU72

### LCS3 Panel System for High Density Jack

Front loading panel for HDJ, integrated cable management. Accepts HDJ (UTP), HDJS (FTP), HDFM, and HDJ AV connectors.

| PART NO.     | DESCRIPTION                                                         |
|--------------|---------------------------------------------------------------------|
| PATCH PANELS |                                                                     |
| 033-682      | Standard Flat Patch Panel Empty (no Cassettes)                      |
| 033-683      | 24 Port Standard Density Flat Patch Panel with 6-port Cassettes, 1U |
| 033-684      | 48 Port High Density Flat Patch Panel with 12-port Cassettes, 1U    |
| CASSETTES    |                                                                     |
| 033-680      | Standard Density Cassette to Load with 6 HDJ Modules                |
| 033-681      | High Density Cassette to Load with 12 HDJ Modules                   |
| ACCESSORIES  |                                                                     |
| 033-685      | Blanking Cassette, Occupies 1 Cassette Opening                      |

NOTE: All panels and cassettes are sold unloaded, HDJ connectors sold separately



033-683



033-681



033-685

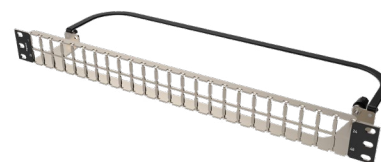
# COPPER SOLUTIONS

## Clarity High Density Jacks (HDJ)

### HDJ Shielded (FTP) Patch Panels – Premium Solutions

24 and 48-Port Clarity HDJ shielded, unloaded patch panels. Available in flat and angled, accepts HDJS series jacks. Jacks rear load into panel. Includes rear wire manager and ground lugs.

| FLAT       |              | ANGLED     |              | DESCRIPTION                                     |
|------------|--------------|------------|--------------|-------------------------------------------------|
| Black      | White        | Black      | White        |                                                 |
| PART NO.   |              |            |              |                                                 |
| PHDHDJSU24 | PHDHDJSU24-W | PHAHDJSU24 | PHAHDJSU24-W | 24-Port HDJ Shielded, Unloaded Patch Panel, 1RU |
| PHDHDJSU48 | PHDHDJSU48-W | PHAHDJSU48 | PHAHDJSU48-W | 48-Port HDJ Shielded, Unloaded Patch Panel, 1RU |
| PSDHDJSU48 | PSDHDJSU48-W | PSAHDJSU48 | PSAHDJSU48-W | 48-Port HDJ Shielded, Unloaded Patch Panel, 2RU |



PHDHDJSU48

### HDJ Workstation Face Plates & Frames – Premium Solutions

HDJ wall plates and frames are supplied with labeling fields and mounting hardware. Accepts rear-loading HDJ series jacks or modules.

| PART NO.     | DESCRIPTION                                              |
|--------------|----------------------------------------------------------|
| 403HDJ11-XX  | 1-Port Face Plate, HDJ Jack, Single-Gang                 |
| 403HDJ12-XX  | 2-Port Face Plate, HDJ Jack, Single-Gang                 |
| 403HDJ13-XX  | 3-Port Face Plate, HDJ Jack, Single-Gang                 |
| 403HDJ14-XX  | 4-Port Face Plate, HDJ Jack, Single-Gang                 |
| 403HDJ16-XX  | 6-Port Face Plate, HDJ Jack, Single-Gang                 |
| 403HDJ212-XX | 12-Port Face Plate, HDJ Jack, Dual-Gang                  |
| 403SHDJ11    | 1-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ12    | 2-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ13    | 3-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ14    | 4-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ16    | 6-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ28    | 8-Port Face Plate, HDJ Jack, Single-Gang Stainless Steel |
| 403SHDJ212   | 12-Port Face Plate, HDJ Jack, Dual-Gang Stainless Steel  |
| 419HDJ2-XX   | 2-Port HDJ Rectangular Stylistics Frame                  |
| 419HDJ4-XX   | 4-Port HDJ Rectangular Stylistics Frame                  |
| 40300270     | Single Gang Cover Plate with Label Fields                |
| 40300271     | Double Gang Cover Plate with Label Fields                |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99\* (Wiremold Ivory). \* MOQ required, contact customer service.

### HDJ Surface Mount Boxes – Premium Solutions

Compatible with HDJ series jacks and modules. Label field, screws and double-sided adhesive tape are included for mounting onto almost any surface.

| PART NO.    | DESCRIPTION                                        |
|-------------|----------------------------------------------------|
| 404HDJ1-XX  | 1-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ2-XX  | 2-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ4-XX* | 4-Port HDJ Plastic Surface Mount Box               |
| 404HDJ6-XX  | 6-Port HDJ Plastic Surface Mount Box               |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 88 (White).

\* Additional colors available, contact customer service for details



403HDJ16-88



403SHDJ14



419HDJ2-13



40300270



404HDJ1

# COPPER SOLUTIONS

## Clarity High Density Jacks (HDJ)

### HDJ Bezels – Premium Solutions

HDJ Furniture plates and bezels accept HDJ series jacks or modules to enable mounting in Raceways, Floor Boxes, furniture and more.

| PART NO.     | DESCRIPTION                                                    |
|--------------|----------------------------------------------------------------|
| 419HDJ2 -XX  | 2-Port HDJ Rectangular Stylistics Frame                        |
| 419HDJ4 -XX  | 4-Port HDJ Rectangular Stylistics Frame                        |
| 421HDJ-XX*   | 3-Port HDJ Furniture Adapter Plate, 40700071/72/73             |
| 421HDJ4 -XX  | 4-Port HDJ Furniture Plate, TIA-569 Opening                    |
| AB2HDJ -XX   | 2-Port Bezel AB, HDJ, Fits WM RFB4 RT Series Brackets, 10-Pack |
| S21HDJ10 -YY | 1-Port HDJ, Series II, 1 Unit, 10 Pack Fog White               |
| S22HDJ10 -YY | 2-Port HDJ, Series II, 1 Unit, 10 Pack Fog White               |
| HDJTJA20     | HDJ to TracJack Adapter, 20 Pack, Fog White                    |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 78 (Dark Gray), 88 (White).

\*Available in 13 (Ivory).

Remove -YY for Fog White; other colors replace YY with 00 (Black), 88 (White). Check with CS for MOQ on 13 (Ivory), 99 (Wiremold Ivory).

### HDJ Multimedia Modules – Premium Solutions

Clarity High Density Jack multimedia modules create a quality solution for your unique installation requirements.

Fiber HDJ Modules are available on 73.

| PART NO.     | DESCRIPTION                           |
|--------------|---------------------------------------|
| HDJF-XX      | HDJ F Connector, F/F 75 Ohm           |
| HDJHDMI-XX   | HDJ HDMI Connector, F/F               |
| HDJBL10 -XX  | 1-Port HDJ Blank, 10 Pack             |
| HDJ21DCA -XX | HDJ Barrel Connector, Type A          |
| HDJ35ST-XX   | HDJ 3.5mm Stereo Jack, F/F, 180° Exit |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 78 (Dark Gray), 88 (White).

### Color-Coded Icons – Premium Solutions

Color-coded designation tabs are for port identification and install directly on HDJ jacks. These icons come blank standard, for customization and pad printing, contact customer service for more information. Compatible with HDJ, HDJS, KT2J, KS and KSFTP jacks. 25 Pack

| PRTICON-XX | REMOVE -XX FOR STANDARD FOG WHITE.<br>For additional colors replace -XX with a color suffix below |                    |  |
|------------|---------------------------------------------------------------------------------------------------|--------------------|--|
| -00 Black  | -36 Blue                                                                                          | -45 Green          |  |
| -13 Ivory  | -42 Red                                                                                           | -78 Dark Gray      |  |
| -22 Pink   | -43 Orange                                                                                        | -88 White          |  |
| -27 Violet | -44 Yellow                                                                                        | -99 Wiremold Ivory |  |

### Tools

Crimp and termination tools to be used for Clarity HDJ Shielded and Unshielded Jacks. Plastic crimp termination tool is included with purchase of standard carton of HDJ jacks.

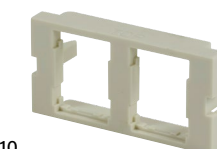
| PART NO.   | DESCRIPTION                                              |
|------------|----------------------------------------------------------|
| HDJPCT-4PK | Plastic Crimp Termination Tool, Replacement Pack, 4 Pack |
| HDJHCT     | Heavy Duty, Handled Crimp Termination Tool, Metal        |



AB2HDJ-78



421HDJ4



S22HDJ10



HDJHDMI



HDJ21DCA



HDJ21DCA



HDJHCT

# COPPER SOLUTIONS

Clarity TracJack

## TracJack – Unshielded (UTP) – Premium Solutions

(Front Loading, 110-Type Termination)

Clarity TracJacks are a front loading solution designed for the workstation. Larger module size provides better visibility and more area to lace and terminate cables.

| PART NO.   | DESCRIPTION                                                      |
|------------|------------------------------------------------------------------|
| TJ5E00-XX  | TracJack CAT5E Universal A/B Wiring                              |
| TJ5E45-YY* | TracJack CAT5E 45° Exit, Universal A/B Wiring                    |
| TJ600-XX   | TracJack CAT6 Universal A/B Wiring                               |
| TJ645-YY*  | TracJack CAT6 45° Exit, Universal A/B Wiring                     |
| TJ6A-XX    | TracJack CAT6A Universal A/B Wiring                              |
| HDJTJA20   | Clarity High Density Jack to TracJack Adapter, 20-Pack Fog White |

\*Lead time may vary, contact customer service for up to date information.

| PART NO.    | DESCRIPTION                    |
|-------------|--------------------------------|
| 42100002-XX | TracJack 1-Port Blank, 10 Pack |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory).

\*Available in 13 (Ivory).

### REMOVE -XX FOR FOG WHITE, FOR OTHER COLORS REPLACE XX WITH TAIL CODES FROM LIST BELOW

| STANDARD  | -00   | -13    | -22       | -23          | -24          | -25         | -26        | -27            |     |
|-----------|-------|--------|-----------|--------------|--------------|-------------|------------|----------------|-----|
|           |       |        |           |              |              |             |            |                |     |
| Fog White | Black | Ivory  | Light Red | Light Orange | Light Yellow | Light Green | Light Blue | Purple         |     |
|           |       |        |           |              |              |             |            |                |     |
|           | -36   | -42    | -43       | -44          | -45          | -68         | -78        | -88            | -99 |
|           |       |        |           |              |              |             |            |                |     |
| Blue      | Red   | Orange | Yellow    | Green        | Light Gray   | Dark Gray   | White      | Wiremold Ivory |     |

-22, -23, -24, -25, -26 available in Cat 5E & 6 only.

### REMOVE -YY FOR FOG WHITE, FOR OTHER COLORS REPLACE YY WITH TAIL CODES FROM LIST BELOW

| STANDARD  | -00   | -13   | -36  | -42 | -43    | -44    | -45   | -88   | -99            |
|-----------|-------|-------|------|-----|--------|--------|-------|-------|----------------|
|           |       |       |      |     |        |        |       |       |                |
| Fog White | Black | Ivory | Blue | Red | Orange | Yellow | Green | White | Wiremold Ivory |



TJ600



HDJTJA20



42100002-88

# COPPER SOLUTIONS

## Clarity TracJack

### TracJack - Shielded (FTP) – Premium Solutions

(Front Loading, 110-Type Termination)

Clarity Shielded TracJacks are a front loading solution designed for the workstation. Larger module size provides better visibility and more area to lace and terminate cables.

| PART NO.    | DESCRIPTION                                             |
|-------------|---------------------------------------------------------|
| TJS5E00     | TracJack Shielded CAT5E 180° Exit, Universal A/B Wiring |
| TJS600      | TracJack Shielded CAT6 180° Exit, Universal A/B Wiring  |
| TJS6A       | TracJack Shielded CAT6A 180° Exit, Universal A/B Wiring |
| 42100002-XX | TracJack 1-Port Blank, 10 Pack                          |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory).



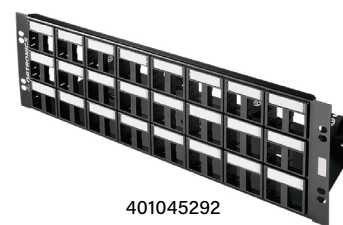
TJS600

### TracJack Panels – Premium Solutions

(Front Loading)

TracJack Panels accept unshielded front loading TracJack modules.

| PART NO.  | DESCRIPTION                                       |
|-----------|---------------------------------------------------|
| 401045289 | 16-Port TracJack Panel with Bezel 1.75 in X 19 in |
| 401045290 | 24-Port TracJack Panel with Bezel 3.5 in X 19 in  |
| 401045291 | 32-Port TracJack Panel with Bezel 3.5 in X 19 in  |
| 401045292 | 48-Port TracJack Panel with Bezel 5.25 in X 19 in |



401045292

### TracJack Plastic Face Plates – Premium Solutions

Face Plates accept front loading TracJack jacks and modules. Include label fields and mounting hardware.

| PART NO.     | DESCRIPTION                                    |
|--------------|------------------------------------------------|
| 40300270-XX  | Single-Gang Cover Plate with Label Fields      |
| 40300271-XX  | Double-Gang Cover Plate with Label Fields      |
| 40300549-XX  | 1-Port TracJack Single-Gang Plastic Face Plate |
| 40300548-XX  | 2-Port TracJack Single-Gang Plastic Face Plate |
| 40300547-XX  | 3-Port TracJack Single-Gang Plastic Face Plate |
| 40300546-XX  | 4-Port TracJack Single-Gang Plastic Face Plate |
| 40300545-XX  | 6-Port TracJack Single-Gang Plastic Face Plate |
| 40300555-XX* | 6-Port TracJack Dual-Gang Plastic Face Plate   |
| 40300554-XX  | 8-Port TracJack Dual-Gang Plastic Face Plate   |
| 40300620-XX  | 12-Port TracJack Dual-Gang Plastic Face Plate  |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory) 88 (White).

\*Also available in 99 (Wiremold Ivory).



40300270-88



40300546



40300554



# COPPER SOLUTIONS

Clarity TracJack

## TracJack Stainless Steel Face Plates – Premium Solutions

Stainless steel face plates accept front loading TracJack series jacks and modules.

| PART NO.  | DESCRIPTION                                             |
|-----------|---------------------------------------------------------|
| 403STJ11  | 1-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ12  | 2-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ13  | 3-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ14  | 4-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ16  | 6-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ28  | 8-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ212 | 12-Port TracJack Double-Gang Stainless Steel Face Plate |
| 403STJ1WP | Wall Phone TJ Stainless Steel Face Plate                |



403STJ12



403STJ16

## TracJack Workstation Surface Mount Boxes – Premium Solutions

Compatible with TracJack series jacks. Product dimensions are listed by length, width and height.

| PART NO.    | DESCRIPTION                                                              |
|-------------|--------------------------------------------------------------------------|
| 404TJ1-XX   | 1-Port TracJack, Plenum Rated                                            |
| 404TJ2-XX   | 2-Port TracJacks, 2.59 in x 2.27 in x 1.20 in, Plenum Rated              |
| 404TJ2X2-XX | 4-Port TracJacks, 4.0 in x 2.42 in x 1.16 in, Jacks Exit from Both Sides |
| 404TJ4-XX   | 4-Port TracJacks, 4.80 in X 3.6 in X 1.16 in                             |
| 404TJ6-XX   | 6-Port TracJacks, 7 in X 4.5 in X 1.16 in                                |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory) 88 (White).



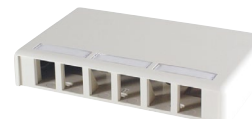
404TJ2



404TJ2X2



404TJ4



404TJ6

# COPPER SOLUTIONS

## Clarity TracJack

### TracJack Workstation Bezels – Premium Solutions

Legrand offers TracJack bezels for most furniture systems. Bezels easily snap mount into furniture, requiring no special tools. Bezels are ruggedly constructed from high impact thermo-plastic 94V-0 rated.

| PART NO.     | DESCRIPTION                                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 40300270-XX  | Single-Gang Cover Plate with Label Fields                                                                                                                          |
| 40300271-XX  | Double-Gang Cover Plate with Label Fields                                                                                                                          |
| 40300575-XX  | Holds (6) TracJacks, Fits Herman Miller Baseline Furniture Openings 1.89 in x 2.99 in (+.015) for .063 in Thick Material                                           |
| 40300576     | Holds (6) TracJacks, Fits Herman Miller Beltline Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Fog White                                |
| 40300577     | Holds (4) TracJacks, Fits Herman Miller Beltline Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Fog White                                |
| 40300577-00  | Holds (4) TracJacks, Fits Herman Miller Beltline Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Black                                    |
| 40300633-XX  | Holds (4) TracJacks, Two-piece Base and Cover, Adjustable to Fit a Range of Common Furniture Openings 2.67 in–2.75 in x 1.34 in–1.41 in for .065 in Thick Material |
| 40800017-XX  | 106 Baseplate, Holds (2) TracJacks                                                                                                                                 |
| 40800019-XX  | 106 Baseplate, Holds (4) TracJacks                                                                                                                                 |
| 41900017-XX  | Stylistic TracJack Frame, Single gang 3-Port cover, 2.75 in x 4.5 in                                                                                               |
| 41900018-XX* | Stylistic TracJack Frame, Single gang 4-Port cover, 4.5 in x 4.5 in                                                                                                |
| 421TJ3.5-XX  | 3-Port TracJack Furniture Plate, TIA-569 Opening                                                                                                                   |
| 42100009-XX  | 3-Port Adapter Plate, Front Loadable                                                                                                                               |
| 42100054-XX  | 3-Port Adapter Plate, Rear Loadable, 5 Pack                                                                                                                        |

Products below must be used with 42100009 or 42100054

|          |                                                                                |
|----------|--------------------------------------------------------------------------------|
| 40700071 | 0.125 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening |
| 40700072 | 0.625 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening |
| 40700073 | 1.0 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening   |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 88 (White).

\*Also available in 99 (Wiremold Ivory).

### TracJack Multimedia Inserts – Premium Solutions

TracJack® footprint is front loading and supports a number of A/V and data modules. It's ideal for combining A/V with our high performance Clarity® workstation products. The TracJack footprint can also be used with Series II® through the use of an adapter bezel.

Fiber TracJack Modules are available on page 98.

| PART NO.    | DESCRIPTION                               |
|-------------|-------------------------------------------|
| 63730003-XX | TracJack CAT3, 8-Position, 110, T568A/B   |
| 63700005-XX | TracJack 6-Position, 6C, 110, USOC        |
| 63700006-YY | TracJack F Connector 75 ohm, F/F          |
| 63700023-XX | TracJack, BNC, Feedthru                   |
| 63700069-XX | TracJack 3.5mm Stereo Jack Feedthru       |
| 63700087-XX | TracJack Recessed F Connector 75 ohm, F/F |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 26 (Light Blue), 68 (Light Gray), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory). Colors and lead times may vary, contact customer service.

Remove -YY for Fog White, replace YY with 78 (Dark Gray).  
Colors and lead times may vary, contact customer service for availability.



40300575

40300633



40800017



40800019



41900017



41900019



40700071



40700072



40700073



63730006



63730003-88



63700023



63700087

## TracJack Workstation Icons – Premium Solutions

Color-coded designation icons are for port identification and install directly on TracJack jacks, 100 pack.

| PART NO. | DESCRIPTION                     |
|----------|---------------------------------|
| 40300100 | TracJack Icon, Voice, Black     |
| 40309500 | TracJack Icon, Blank, Fog White |
| 40313100 | TracJack Icon, Voice, Ivory     |
| 40313200 | TracJack Icon, Data, Ivory      |
| 40322100 | TracJack Icon, Voice, Lt Red    |
| 40322200 | TracJack Icon, Data, Lt Red     |
| 40322500 | TracJack Icon, Blank, Lt Red    |
| 40323200 | TracJack Icon, Data, Lt Orange  |
| 40323500 | TracJack Icon, Blank, Lt Orange |
| 40324100 | TracJack Icon, Voice, Lt Yellow |
| 40324200 | TracJack Icon, Data, Lt Yellow  |
| 40324500 | TracJack Icon, Blank, Lt Yellow |
| 40325100 | TracJack Icon, Voice, Lt Green  |
| 40325200 | TracJack Icon, Data, Lt Green   |
| 40325500 | TracJack Icon, Blank, Lt Green  |
| 40326100 | TracJack Icon, Voice, Lt Blue   |
| 40326200 | TracJack Icon, Data, Lt Blue    |
| 40326500 | TracJack Icon, Blank, Lt Blue   |
| 40327100 | TracJack Icon, Voice, Purple    |
| 40327200 | TracJack Icon, Data, Purple     |
| 40327500 | TracJack Icon, Blank, Purple    |
| 40328100 | TracJack Icon, Voice, Lt Gray   |
| 40328200 | TracJack Icon, Data, Lt Gray    |
| 40336500 | TracJack Icon, Blank, Dark Blue |
| 40343200 | TracJack Icon, Data, Orange     |



Assorted Workstation Icons

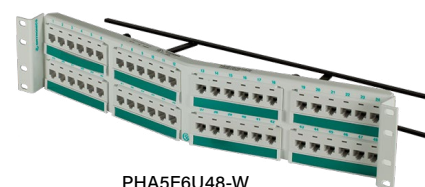
# COPPER SOLUTIONS

Clarity Multi-Port Loaded Patch Panels

## CAT5E with 6-port Modules – Premium Solutions

12, 24, 48, and 96-port patch panels are available in the traditional multi-port panel format with 6-port modules for CAT5E performance. Large termination bay allows for high visibility and more space for wiring during terminations. Includes rear wire manager.

| FLAT      |             | ANGLED    |             |                                                          |
|-----------|-------------|-----------|-------------|----------------------------------------------------------|
| Black     | White       | Black     | White       |                                                          |
| PART NO.  |             |           |             |                                                          |
| PSD5E6U12 | -           | -         | -           | 12-Port CAT5E Patch Panel – Universal Wired T568A/B, 1RU |
| PHD5E6U24 | PHD5E6U24-W | PHA5E6U24 | PHA5E6U24-W | 24-Port CAT5E Patch Panel – Universal Wired T568A/B, 1RU |
| PHD5E6U48 | -           | PHA5E6U48 | PHA5E6U48-W | 48-Port CAT5E Patch Panel – Universal Wired T568A/B, 2RU |
| PSD5E6U24 | -           | -         | -           | 24-Port CAT5E Patch Panel – Universal Wired T568A/B, 2RU |



PHA5E6U48-W

## CAT6 with 6-port Modules – Premium Solutions

12, 24, 48, 96-port patch panels are available in the traditional multi-port panel format with 6-port modules for CAT6. Large termination bay allows for high visibility and more space for wiring during terminations. Includes rear wire manager.

| FLAT     |            | ANGLED   |            |                                                         |
|----------|------------|----------|------------|---------------------------------------------------------|
| Black    | White      | Black    | White      |                                                         |
| PART NO. |            |          |            | DESCRIPTION                                             |
| PSD66U12 | -          | -        | -          | 12-Port CAT6 Patch Panel – Universal Wired T568A/B, 1RU |
| PSD66U24 | -          | -        | -          | 24-Port CAT6 Patch Panel – Universal Wired T568A/B, 2RU |
| PHD66U24 | PHD66U24-W | PHA66U24 | PHA66U24-W | 24-Port CAT6 Patch Panel – Universal Wired T568A/B, 1RU |
| PSD66U48 | -          | -        | -          | 48-Port CAT6 Patch Panel – Universal Wired T568A/B, 4RU |
| PHD66U48 | PHD66U48-W | PHA66U48 | PHA66U48-W | 48-Port CAT6 Patch Panel – Universal Wired T568A/B, 2RU |
| PHD66U96 | -          | -        | -          | 96-Port CAT6 Patch Panel – Universal Wired T568A/B, 4RU |



PHD66U24

# COPPER SOLUTIONS

Clarity Multi-Port Loaded Patch Panels

## CAT6A with 6-port Modules – Premium Solutions

24 and 48-port patch panels are available in the traditional multi-port panel format with 6-port modules for CAT6A. Large termination bay allows for high visibility and more space for wiring during terminations. Includes rear wire manager.

| FLAT     |            | ANGLED   |            | DESCRIPTION                                              |
|----------|------------|----------|------------|----------------------------------------------------------|
| Black    | White      | Black    | White      |                                                          |
| PART NO. |            |          |            |                                                          |
| PHD6AU24 | PHD6AU24-W | PHA6AU24 | PHA6AU24-W | 24-Port CAT6A Patch Panel – Universal Wired T568A/B, 1RU |
| PHD6AU48 | PHD6AU48-W | PHA6AU48 | PHA6AU48-W | 48-Port CAT6A Patch Panel – Universal Wired T568A/B, 2RU |



PHD6AU48



PHA6AU24-W

## Modular to Mini Patch Panels – Premium Solutions

Clarity mini patch panels are component compliant to TIA CAT5E and CAT6 performance requirements. Jacks are grouped in six-port modules. Part of the Clarity 6 link and channel solution.

| PART NO.  |          | DESCRIPTION                                        |
|-----------|----------|----------------------------------------------------|
| CAT5E     | CAT6     |                                                    |
| PMP5E12H  | PMP612H  | 12-Port Mini Patch Panel, Hinged Mounting, T568A/B |
| PMP5E1289 | PMP61289 | 12-Port Mini Patch Panel, 89D Mounting, T568A/B    |



PMP612H



# COPPER SOLUTIONS

TechChoice

## Keystone KT2J Unshielded (UTP) Jacks – Standard Solutions

(Rear Loading, Lacing Cap Termination)

KT2J jacks, available in CAT6A, CAT6 and CAT5E, represent the next generation of keystone termination. These jacks utilize an installer friendly lacing cap termination with a free termination tool supplied with every carton of 20 or bulk pack of 25.

| PART NO.    | DESCRIPTION                                                                  |
|-------------|------------------------------------------------------------------------------|
| KT2J5E-XX   | CAT5E KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible            |
| KT2J5E25-YY | 25 Pack of CAT5E KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible |
| KT2J6-XX    | CAT6 KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible             |
| KT2J625-YY  | 25 Pack of CAT6 KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible  |
| KT2J6A-XX   | CAT6A KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible            |
| KT2J6A25-YY | 25 Pack of CAT6A KT2J Keystone Jack, Lacing Cap Termination, Icon Compatible |
| KSB10-XX    | Keystone Blank, 10 Pack                                                      |
| PRTICON-XX  | Color Coded Port ID Icon for HDJ, HDJS, KT2J, KS and KSFTP                   |

NOTE: Remove -XX for Fog White, for other colors, replace XX with the color suffix from the color chart below.  
Remove -YY for Fog White, for other colors replace YY with 00 (Black), 36 (Blue), 88 (White).



KT2J6



KSB10

## Keystone KS Unshielded (UTP) Jacks – Standard Solutions

(Rear Loading, 110-Type Termination)

KS jacks and modules available in CAT6 and CAT5E feature an easy-to follow universal wiring label and support standard termination, using a 110-impact tool.

| PART NO.   | DESCRIPTION                                                              |
|------------|--------------------------------------------------------------------------|
| KS5E-XX    | 25 Pack of CAT5E, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible |
| KS5EA-XX   | CAT5E, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible            |
| KS6-XX     | 25 Pack of CAT6, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible  |
| KS6A-XX    | CAT6, 8-Position, 180° Exit, T568A/B Wiring, Icon Compatible             |
| KSSC       | 1-SC Fiber Keystone Module, Fog White                                    |
| KSFCNR     | Keystone Recessed F-Conn, 75 Ohm                                         |
| KSLC       | 1-LC (2 fibers) Fiber Keystone Module, Beige Adapter, Fog White Housing  |
| PRTICON-XX | Color Coded Port ID Icon for HDJ, HDJS, KT2J, KS and KSFTP               |



KS6A



KSSC



KSFCNR

### TechChoice Jack color chart

REMOVE -XX FOR FOG WHITE, FOR OTHER COLORS REPLACE XX WITH TAIL CODES FROM LIST BELOW

| Standard  | -00   | -13   | -27*   | -36  | -42 | -43    | -44    | -45   | -78       | -88   | -99            |
|-----------|-------|-------|--------|------|-----|--------|--------|-------|-----------|-------|----------------|
|           |       |       |        |      |     |        |        |       |           |       |                |
| Fog White | Black | Ivory | Violet | Blue | Red | Orange | Yellow | Green | Dark Gray | White | Wiremold Ivory |

\*NOTE: Violet is available for KT2J Series only.

# COPPER SOLUTIONS

TechChoice

## Keystone Shielded (FTP) Jacks – Standard Solutions

(Rear Loading, 110-Type Termination)

Rear loading shielded keystone jacks are available in CAT6 and CAT6A, featuring self termination with icon slot for colored port ID.

| PART NO.  | DESCRIPTION                                                            |
|-----------|------------------------------------------------------------------------|
| KSFTP6    | CAT6 FTP KS Jack, Self-Termination w/Icon Slot for Port ID             |
| KSFTP625  | 25 Pack of CAT6 FTP KS Jack, Self-Termination w/Icon Slot for Port ID  |
| KSFTP6A   | CAT6A FTP KS Jack, Self-Termination w/Icon Slot for Port ID            |
| KSFTP6A25 | 25 Pack of CAT6A FTP KS Jack, Self-Termination w/Icon Slot for Port ID |
| KSB10-XX  | Keystone Blank, 10 Pack                                                |



KSFTP6

## Keystone Unshielded (UTP) Patch Panels – Standard Solutions

24 and 48-port TechChoice keystone unloaded patch panels accept KT2J and KS series jacks. Patch panels support individual keystone jacks: CAT5E, CAT6 and CAT6A jacks and multimedia (sold separately).

| FLAT          |               | ANGLED        |               | DESCRIPTION                                                        |
|---------------|---------------|---------------|---------------|--------------------------------------------------------------------|
| 24 Port (1RU) | 48 Port (2RU) | 24 Port (1RU) | 48 Port (2RU) |                                                                    |
| PART NO.      |               |               |               |                                                                    |
| SPKSU24       | SPKSU48       | SPAKSU24      | SPAKSU48      | Unloaded Panel for Keystone Jacks                                  |
| SPKFU24       | SPKFU48       | SPAKFU24      | SPAKFU48      | Unloaded Flush Mount Panel for Keystone Jacks                      |
| SPKFBU24      | SPKFBU48      | -             | -             | Unloaded Front-Loading Panel with Bezels for Keystone Jacks, Black |
| SPKFBU24-W    | SPKFBU48-W    | -             | -             | Unloaded Front-Loading Panel with Bezels for Keystone Jacks, White |



SPAKSU48



SPKFU24

## Keystone Shielded (FTP) Patch Panels – Standard Solutions

Accepts KSFTP series jacks and modules. Includes rear cable management bar, label fields and mounting hardware. Ground lug included. Jacks sold separately.

| FLAT          |               | ANGLED        |               | DESCRIPTION                             |
|---------------|---------------|---------------|---------------|-----------------------------------------|
| 24 Port (1RU) | 48 Port (2RU) | 24 Port (1RU) | 48 Port (2RU) |                                         |
| PART NO.      |               |               |               |                                         |
| PHDTKSU24     | PHDTKSU48     | PHATKSU24     | PHATKSU48     | Shielded Unloaded Keystone Panel, Black |



PHDTKSU48

# COPPER SOLUTIONS

TechChoice

## Color-Coded Icons – Standard Solutions

Color-coded designation tabs are for port identification and install directly on HDJ jacks. These icons come blank standard, for customization and pad printing, contact customer service for more information. Compatible with HDJ, HDJS, KT2J, KS and KSFTP jacks. 25 Pack

| PRTICON -XX |            | REMOVE -XX FOR STANDARD FOG WHITE.<br>For additional colors replace -XX with a color suffix below |
|-------------|------------|---------------------------------------------------------------------------------------------------|
| -00 Black   | -36 Blue   | -45 Green                                                                                         |
| -13 Ivory   | -42 Red    | -78 Dark Gray                                                                                     |
| -22 Pink    | -43 Orange | -88 White                                                                                         |
| -27 Violet  | -44 Yellow | -99 Wiremold Ivory                                                                                |



PRTICON

## Keystone Multimedia & Specialty Modules – Standard Solutions

(Rear Loading)

Keystone multimedia and specialty modules support a variety of A/V connector types, creating a quality solution for your unique installation requirements.

| PART NO. | DESCRIPTION                                          |
|----------|------------------------------------------------------|
| KSBNC75  | Keystone, BNC, Feed-Thru, 75ohm, Fog White           |
| KSBNCW   | Keystone BNC-to-BNC Connector, White                 |
| KSBNC    | Keystone BNC Connector, 50 Ohm, F/F                  |
| KSHDMI   | Keystone HDMI, F/F                                   |
| KSUSBAA  | Keystone USB 2.0, Type A to A, F/F                   |
| KSUSBAB  | Keystone USB 2.0, Type A to B, F/F                   |
| KS35STST | Keystone 3.5mm Audio Jack, Screw Termination         |
| KS35ST   | Keystone 3.5mm Audio Jack, F/F                       |
| KSB10-XX | Keystone Blank, 10-Pack                              |
| KS14ST   | Keystone 1/4 in Stereo Jack                          |
| KSFCN    | Keystone F-Connector, 75 Ohm, F/F                    |
| KSC5EA   | Keystone CAT5E Anti-Corrosive RJ45 Module, Fog White |
| KSC6A    | Keystone CAT6 Anti-Corrosive RJ45 Module, Fog White  |
| KSC6A-36 | Keystone CAT6 Anti-Corrosive RJ45 Module, Blue       |

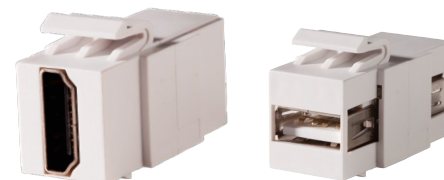
NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory).

Contact customer service about color options and lead time.



KSBNC75

KSBNC



KSHDMI

KSUSBAA



KSUSBAB

KS35STST



KSFCN

# COPPER SOLUTIONS

TechChoice

## Face Plates with Label Fields – Standard Solutions

TechChoice face plates with label fields are available in thermoplastic and stainless steel, with a variety of port capacities to match your workstation applications. All Face Plates allow for a flush jack finish. Compatible with KS, KT2J and KSFTP series jacks.

| PLASTIC FACE PLATES | STAINLESS STEEL FACE PLATES | DESCRIPTION                                           |
|---------------------|-----------------------------|-------------------------------------------------------|
| KSFP1-XX*           | KSSS1                       | Single-Gang Face Plate - Holds One Keystone Module    |
| KSFP2-XX*           | KSSS2                       | Single-Gang Face Plate - Holds Two Keystone Modules   |
| KSFP3-XX            | KSSS3                       | Single-Gang Face Plate - Holds Three Keystone Modules |
| KSFP4-XX*           | KSSS4                       | Single-Gang Face Plate - Holds Four Keystone Modules  |
| KSFP6-XX            | KSSS6                       | Single-Gang Face Plate - Holds Six Keystone Modules   |
| KSFP8-XX            | KSSS8                       | Dual-Gang Face Plate - Holds Eight Keystone Modules   |
| KSFP12-XX           | KSSS12                      | Dual-Gang Face Plate - Holds Twelve Keystone Modules  |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 13 (Ivory), 88 (White), 99 (Wiremold Ivory). \*Part Numbers also available in 00 (Black).



KSFP3



KSSS3



KSSS6

## Plastic Face Plates without Label Fields – Standard Solutions

TechChoice face plates without label fields have a clean appearance, providing site flexibility for residential applications. Compatible with KS, KT2J and KSFTP series jacks.

| PART NO.  | DESCRIPTION                                           |
|-----------|-------------------------------------------------------|
| KSFPR1-XX | Single-Gang Face Plate - Holds One Keystone Module    |
| KSFPR2-XX | Single-Gang Face Plate - Holds Two Keystone Modules   |
| KSFPR3-XX | Single-Gang Face Plate - Holds Three Keystone Modules |
| KSFPR4-XX | Single-Gang Face Plate - Holds Four Keystone Modules  |
| KSFPR6-XX | Single-Gang Face Plate - Holds Six Keystone Modules   |

NOTE: Remove -XX for Fog White, for other colors, replace 13 (Ivory), 88 (White), 99 (Wiremold Ivory).



KSFPR2



KSFPR4

## Plastic Rectangular GFCI & 106 Frames – Standard Solutions

(Electrical Outlet Style)

TechChoice frames support many cable delivery systems and are compatible with rectangular or duplex electrical Face Plates. Compatible with KS, KT2J and KSFTP series jacks.

| PART NO.   | DESCRIPTION                                                |
|------------|------------------------------------------------------------|
| KSDS2-XX   | Stylistic Rectangular Frame - Holds Two Keystone Modules   |
| KSDS3-XX   | Stylistic Rectangular Frame - Holds Three Keystone Modules |
| KSDS4-XX   | Stylistic Rectangular Frame - Holds Four Keystone Modules  |
| KS106S2-XX | 106 Style Frame - Holds Two Keystone Modules               |
| KS106S4-XX | 106 Style Frame - Holds Four Keystone Modules              |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 13 (Ivory), 88 (White), 99 (Wiremold Ivory).



KSDS4



KS106S2-88

# COPPER SOLUTIONS

TechChoice

## Surface Mount Boxes & Furniture Plates – Standard Solutions

TechChoice surface mount boxes accept rear loading Keystone and KT2J series jacks.

| PART NO.    | DESCRIPTION                                                             |
|-------------|-------------------------------------------------------------------------|
| KSSMB1-XX   | TechChoice Surface Mount Box - Holds One Keystone Modules, Plenum Rated |
| KSSMB2-XX   | TechChoice Surface Mount Box - Holds Two Keystone Modules, Plenum Rated |
| KSSMB4      | TechChoice Surface Mount Box - Holds Four Keystone Modules              |
| KSSMB6      | TechChoice Surface Mount Box - Holds Six Keystone Modules               |
| KSFURN4-XX* | 4 Port TechChoice Slim Profile Furniture Plate, TIA-569 Opening         |
| 40300270-XX | Single-Gang Cover Plate with Label Fields                               |
| 40300271-XX | Double-Gang Cover Plate with Label Fields                               |
| 40300630-00 | 4 Port TechChoice Furniture Plate, TIA-569 Opening, Black               |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 88 (White)

\*Also available in 00 (Black)

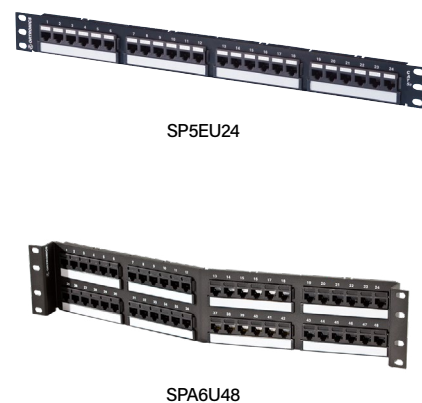


## TechChoice Loaded Panels

### TechChoice Multi-Port Loaded Patch Panels – Standard Solutions

24 and 48-port TechChoice patch panels are available in the traditional multi-port panel format with 6-port modules for CAT5E, CAT6 and CAT6A.

| FLAT          |               | ANGLED        |               |                                                                                 |
|---------------|---------------|---------------|---------------|---------------------------------------------------------------------------------|
| 24 Port (1RU) | 48 Port (2RU) | 24 Port (1RU) | 48 Port (2RU) |                                                                                 |
| PART NO.      |               |               |               | DESCRIPTION                                                                     |
| SP5EU24       | SP5EU48       | SPA5EU24      | SPA5EU48      | Loaded TechChoice CAT5E Modular Panel, T568A/B, 1RU                             |
| SP6U24        | SP6U48        | SPA6U24       | SPA6U48       | Loaded TechChoice CAT6 Modular Panel, T568A/B, 1RU                              |
| SP6AU24       | SP6AU48       | SPA6AU24      | SPA6AU48      | Loaded TechChoice CAT6A Modular Panel, T568A/B, 1RU, Includes Rear Wire Manager |





# COPPER SOLUTIONS

Special Application

## Field Term Plugs – Premium Solutions

Field terminable PCB wired 8 position modular plugs, able to be terminated to either T568A or B wiring, designed for use with solid conductor cable.

| PART NO.      | DESCRIPTION                                                                |
|---------------|----------------------------------------------------------------------------|
| HDPUC6A-5PK   | Unshielded CAT6A Field Terminated 8 Position Modular Plugs, 5 Pack         |
| HDPUC65E-5PK  | Unshielded CAT6/5E Field Terminated 8 Position Modular Plugs, 5 Pack       |
| HDPSC6A-5PK   | Shielded CAT6A Field Terminated 8 Position Modular Plugs, 5 Pack           |
| HDPSC6A90-5PK | Shielded CAT6A 90-Degree Field Terminated 8 Position Modular Plugs, 5 Pack |



HDPUC6A



HDPSC6A90-5PK

## Dongles – Standard Solutions

Quick release device protection adapters protect IT equipment and eliminate trip hazards by reducing pull-out force for applications that require a hard wired connection to the LAN. Backward compatible to CAT6 and CAT5E.

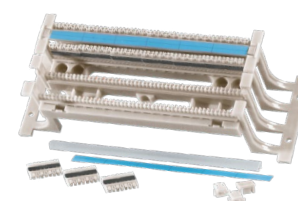
| PART NO.    | DESCRIPTION                                    |
|-------------|------------------------------------------------|
| DPA6A5PK-08 | CAT6A Device Protection Adapter, 5 Pack, Gray  |
| DPA6A5PK-09 | CAT6A Device Protection Adapter, 5 Pack, White |



DPA6A5PK

## 110 Blocks – Standards Solutions

| PART NO.    | DESCRIPTION                                                      |
|-------------|------------------------------------------------------------------|
| 110ABC5E050 | 110 Block, CAT5E 50 Pair with Legs                               |
| 110ABC5E100 | 110 Block, CAT5E 100 Pair with Legs                              |
| 110ABC5E300 | 110 Block, CAT5E 300 Pair with Legs                              |
| 110ABC6050  | 110 Block, CAT6 50 Pair with Legs                                |
| 110ABC6100  | 110 Block, CAT6 100 Pair with Legs                               |
| 110ABC6300  | 110 Block, CAT6 300 Pair with Legs                               |
| 30200007    | 110 Block, 300 Pair with Legs                                    |
| 30200109    | Kit Connector, 4-Pair 110C4, QTY10                               |
| 30200110    | Kit Connector, 5-Pair 110C5, QTY10                               |
| 30200140    | Trough, 110 with Legs                                            |
| 302003251   | 110 Rackmount Kit 200 Pair CAT5E, (40) 110C4 and (8) 110C5 Clips |
| 302003253   | 110 Rackmount Kit 200 Pair CAT5E, (40) 110C5 Clips               |
| 302003282   | 110 Rackmount Kit 200 Pair CAT6, (48) 110C4 Blocks & Trough      |
| 805003202   | 66M150 8POS with Shorting Bar, RJ48X Demarcation Block           |
| 8050F157B   | 66M150 2/25 Pair Female 89D Bracket                              |
| 8050F66M150 | 66M150 Connecting Block 89 D Bracket                             |
| 8050M157B   | 66M150 2/25P/M 89D Bracket                                       |
| 8050M66M150 | 66M150 Block 89 D Bracket                                        |



110ABC5E100

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

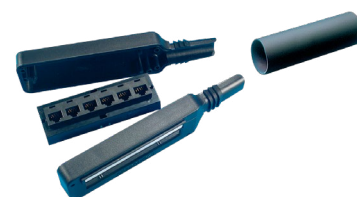
# COPPER SOLUTIONS

Special Application

## Clarity CAT6 & 5E Jak-Paks

The Jak-Pak is a compact, flexible, multi-user solution that can be structurally mounted or used in more temporary environments. Kits come supplied with Clarity 6 or Clarity 5E 6-port/110 modules.

| PART NO. | DESCRIPTION                                                                   |
|----------|-------------------------------------------------------------------------------|
| JP66U    | Clarity 6 Jak-Pak, 6-Port Multi-Access Outlet Field Termination Kit, T568A/B  |
| JP5E6U   | Clarity 5E Jak-Pak, 6-port Multi-Access Outlet Field Termination Kit, T568A/B |



JP66UP1

## MUTOA Mac-Pak

The MUTOA Mac-Pak is a compact, flexible, multi-user solution that can be structurally mounted or used in more temporary environments.

| PART NO. | DESCRIPTION                          |
|----------|--------------------------------------|
| 60950301 | Accepts (8) TracJacks, Black Housing |

## Multimedia Outlet (MMO)

Multimedia Outlet (MMO) is a high capacity, field configurable workstation housing. The MMO comes with three blank panels with cable access knockouts. A wide range of MMO panels are available to support your specific applications. MMO mounts directly to any single or double gang recessed wall box or to any surface. Labeling is supplied.

| PART NO. | DESCRIPTION                                                             |
|----------|-------------------------------------------------------------------------|
| 62100001 | Cover Base and (3) Blank Panels, 6.75 in x 6.75 in x 1.68 in, Fog White |



62100001

## Multimedia Panels

Inserts to be used with Multimedia Outlet (MMO).

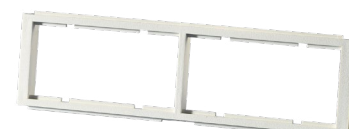
| PART NO. | DESCRIPTION                            |
|----------|----------------------------------------|
| 41200004 | Accepts (2) 1-Unit Series II® Modules  |
| 41200010 | Accepts (1) Fiber Adapter Panel        |
| 41200012 | Accepts (2) 42100009 TracJack Adapters |
| 42100009 | Accepts (3) TracJacks                  |



41200004



41200010



41200012

# COPPER SOLUTIONS

Special Application

## Fib-or-Cop II

Fib-or-Cop II offers greater capacity, accommodating up to 12 fiber connections with protected exit from the bottom and six copper connections, either TracJack® or Series II®. This is a truly segregated design, which allows access to one media without impacting the other. Bottom-exiting connections can be further protected with an optional snap-on shroud.

| PART NO. | DESCRIPTION                                                                          |
|----------|--------------------------------------------------------------------------------------|
| 62100041 | Base and Cover for (6) TracJacks, 5 in x 8 in x 1.19 in                              |
| 62100040 | Base and Cover for (3) Series II Modules, 5 in x 8 in x 1.19 in                      |
| 62100037 | Pack of 5 Bottom Adapter Plates for (4) TracJack Modules                             |
| 62100038 | Pack of 5 Protective Bottom Shrouds                                                  |
| 62100044 | 3-ST Duplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves  |
| 62100045 | 3-ST Duplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves         |
| 62100046 | 6-SC Simplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves |
| 62100047 | 6-SC Simplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves        |
| 62100048 | 3-SC Duplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves  |
| 62100049 | 3-SC Duplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves         |
| 62100050 | 6-LC Duplex (12-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves |
| 62100051 | 6-LC Duplex (12-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves        |
| 62100052 | 6-MT-RJ (12-Fibers) Feed-Through Multimode, Beige Adapters                           |
| 62100053 | 6-MT-RJ (12-Fibers) Single-Mode, Blue Adapters                                       |



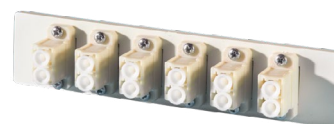
62100041



62100044



62100046



62100050



62100052

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### Clarity Patch Cords – Premium Solutions

Clarity patch cords feature stranded conductors, combining performance with flexibility for simple cable management.

| PART NO. | PATCH CORD | SHIELDED PATCH CORD | 28 AWG REDUCED DIAMETER |
|----------|------------|---------------------|-------------------------|
| CAT5E    | MC5EYY-XX  |                     |                         |
| CAT6     | MC6YY-XX   | MCS6YY-XX           | RDC6YY-XX               |
| CAT6A    | MC6AYY-XX  | MCS6AYY-XX          | RDC610YY-XX             |



#### CLARITY PATCH CORD LENGTHS AND COLOR OPTIONS

##### Length Suffix

Replace YY with length suffix below

01=1 ft   02=2 ft   03=3 ft   04=4 ft   05=5 ft   06=6 ft   07=7 ft   08=8 ft   09=9 ft  
10=10 ft   11=11 ft   12=12 ft   13=13 ft   14=14 ft   15=15 ft   20=20 ft   25=25 ft

##### Color Suffix

Remove -XX for Fog White, for other colors replace XX with color suffix below

| -00   | -02 | -03    | -04    | -05   | -06  | -07    | -08  | -09   | -11  |
|-------|-----|--------|--------|-------|------|--------|------|-------|------|
|       |     |        |        |       |      |        |      |       |      |
| Black | Red | Orange | Yellow | Green | Blue | Violet | Gray | White | Pink |

# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### Common standard patch cord configurations:

For additional lengths and colors, contact customer service.

### Clarity MC UTP CAT5E Patch Cords (MC5E)

|       | Black (-00) | Red (-02) | Orange (-03) | Yellow (-04) | Green (-05) | Blue (-06) | Violet (-07) | Gray (-08) | White (-09) |
|-------|-------------|-----------|--------------|--------------|-------------|------------|--------------|------------|-------------|
| 3 ft  | MC5E03-00   | MC5E03-02 | MC5E03-03    | MC5E03-04    | MC5E03-05   | MC5E03-06  | MC5E03-07    | MC5E03-08  | MC5E03-09   |
| 5 ft  | MC5E05-00   | MC5E05-02 | MC5E05-03    | MC5E05-04    | MC5E05-05   | MC5E05-06  | MC5E05-07    | MC5E05-08  | MC5E05-09   |
| 7 ft  | MC5E07-00   | MC5E07-02 | MC5E07-03    | MC5E07-04    | MC5E07-05   | MC5E07-06  | MC5E07-07    | MC5E07-08  | MC5E07-09   |
| 9 ft  | MC5E09-00   | MC5E09-02 | MC5E09-03    | MC5E09-04    | MC5E09-05   | MC5E09-06  | MC5E09-07    | MC5E09-08  | MC5E09-09   |
| 15 ft | MC5E15-00   | MC5E15-02 | MC5E15-03    | MC5E15-04    | MC5E15-05   | MC5E15-06  | MC5E15-07    | MC5E15-08  | MC5E15-09   |
| 20 ft | MC5E20-00   | MC5E20-02 | MC5E20-03    | MC5E20-04    | MC5E20-05   | MC5E20-06  | MC5E20-07    | MC5E20-08  | MC5E20-09   |
| 25 ft | MC5E25-00   | MC5E25-02 | MC5E25-03    | MC5E25-04    | MC5E25-05   | MC5E25-06  | MC5E25-07    | MC5E25-08  | MC5E25-09   |

### Clarity MC UTP CAT6 Patch Cords (MC6)

|       | Black (-00) | Red (-02) | Orange (-03) | Yellow (-04) | Green (-05) | Blue (-06) | Violet (-07) | Gray (-08) | White (-09) |
|-------|-------------|-----------|--------------|--------------|-------------|------------|--------------|------------|-------------|
| 3 ft  | MC603-00    | MC603-02  | MC603-03     | MC603-04     | MC603-05    | MC603-06   | MC603-07     | MC603-08   | MC603-09    |
| 5 ft  | MC605-00    | MC605-02  | MC605-03     | MC605-04     | MC605-05    | MC605-06   | MC605-07     | MC605-08   | MC605-09    |
| 7 ft  | MC607-00    | MC607-02  | MC607-03     | MC607-04     | MC607-05    | MC607-06   | MC607-07     | MC607-08   | MC607-09    |
| 9 ft  | MC609-00    | MC609-02  | MC609-03     | MC609-04     | MC609-05    | MC609-06   | MC609-07     | MC609-08   | MC609-09    |
| 15 ft | MC615-00    | MC615-02  | MC615-03     | MC615-04     | MC615-05    | MC615-06   | MC615-07     | MC615-08   | MC615-09    |
| 20 ft | MC620-00    | MC620-02  | MC620-03     | MC620-04     | MC620-05    | MC620-06   | MC620-07     | MC620-08   | MC620-09    |
| 25 ft | MC625-00    | MC625-02  | MC625-03     | MC625-04     | MC625-05    | MC625-06   | MC625-07     | MC625-08   | MC625-09    |

### Clarity MC UTP CAT6A Patch Cords (MC6A)

|       | Black (-00) | Red (-02) | Orange (-03) | Yellow (-04) | Green (-05) | Blue (-06) | Violet (-07) | Gray (-08) | White (-09) |
|-------|-------------|-----------|--------------|--------------|-------------|------------|--------------|------------|-------------|
| 3 ft  | MC6A03-00   | MC6A03-02 | MC6A03-03    | MC6A03-04    | MC6A03-05   | MC6A03-06  | MC6A03-07    | MC6A03-08  | MC6A03-09   |
| 5 ft  | MC6A05-00   | MC6A05-02 | MC6A05-03    | MC6A05-04    | MC6A05-05   | MC6A05-06  | MC6A05-07    | MC6A05-08  | MC6A05-09   |
| 7 ft  | MC6A07-00   | MC6A07-02 | MC6A07-03    | MC6A07-04    | MC6A07-05   | MC6A07-06  | MC6A07-07    | MC6A07-08  | MC6A07-09   |
| 9 ft  | MC6A09-00   | MC6A09-02 | MC6A09-03    | MC6A09-04    | MC6A09-05   | MC6A09-06  | MC6A09-07    | MC6A09-08  | MC6A09-09   |
| 15 ft | MC6A15-00   | MC6A15-02 | MC6A15-03    | MC6A15-04    | MC6A15-05   | MC6A15-06  | MC6A15-07    | MC6A15-08  | MC6A15-09   |
| 20 ft | MC6A20-00   | MC6A20-02 | MC6A20-03    | MC6A20-04    | MC6A20-05   | MC6A20-06  | MC6A20-07    | MC6A20-08  | MC6A20-09   |
| 25 ft | MC6A25-00   | MC6A25-02 | MC6A25-03    | MC6A25-04    | MC6A25-05   | MC6A25-06  | MC6A25-07    | MC6A25-08  | MC6A25-09   |

### Clarity MC Shielded FTP CAT6 Patch Cords (MCS6)

|       | Black (-00) | Red (-02) | Blue (-06) | Gray (-08) |
|-------|-------------|-----------|------------|------------|
| 3 ft  |             | MCS603-02 | MCS603-06  | MCS603-08  |
| 5 ft  | MCS605-00   | MCS605-02 |            | MCS605-08  |
| 7 ft  | MCS607-00   | MCS607-02 | MCS607-06  | MCS607-08  |
| 9 ft  | MCS609-00   | MCS609-02 |            | MCS609-08  |
| 15 ft |             | MCS615-02 |            | MCS615-08  |
| 20 ft |             | MCS620-02 |            | MCS620-08  |



# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### Clarity MC Shielded FTP CAT6A Patch Cords (MCS6A)

|       | Black (-00) | Red (-02)  | Yellow (-04) | Blue (-06) | Gray (-08) | White (-09) |
|-------|-------------|------------|--------------|------------|------------|-------------|
| 3 ft  |             | MCS6A03-02 | MCS6A03-04   | MCS6A03-06 | MCS6A03-08 | MCS6A03-09  |
| 5 ft  |             | MCS6A05-02 | MCS6A05-04   | MCS6A05-06 | MCS6A05-08 | MCS6A05-09  |
| 7 ft  | MCS6A07-00  | MCS6A07-02 | MCS6A07-04   | MCS6A07-06 | MCS6A07-08 | MCS6A07-09  |
| 9 ft  | MCS6A09-00  | MCS6A09-02 | MCS6A09-04   | MCS6A09-06 | MCS6A09-08 | MCS6A09-09  |
| 15 ft | MCS6A15-00  | MCS6A15-02 | MCS6A15-04   | MCS6A15-06 | MCS6A15-08 | MCS6A15-09  |
| 20 ft |             | MCS6A20-02 | MCS6A20-04   | MCS6A20-06 | MCS6A20-08 |             |

### Clarity 28AWG Reduced Diameter (RDC) UTP CAT6 Patch Cords (RDC6)

|       | Black (-00) | Red (-02) | Orange (-03) | Yellow (-04) | Green (-05) | Blue (-06) | Gray (-08) | White (-09) |
|-------|-------------|-----------|--------------|--------------|-------------|------------|------------|-------------|
| 3 ft  | RDC603-00   | RDC603-02 | RDC603-03    | RDC603-04    | RDC603-05   | RDC603-06  | RDC603-08  | RDC603-09   |
| 5 ft  | RDC605-00   | RDC605-02 | RDC605-03    | RDC605-04    | RDC605-05   | RDC605-06  | RDC605-08  | RDC605-09   |
| 7 ft  | RDC607-00   | RDC607-02 | RDC607-03    | RDC607-04    | RDC607-05   | RDC607-06  | RDC607-08  | RDC607-09   |
| 9 ft  | RDC609-00   | RDC609-02 | RDC609-03    | RDC609-04    | RDC609-05   | RDC609-06  | RDC609-08  | RDC609-09   |
| 15 ft | RDC615-00   | RDC615-02 | RDC615-03    | RDC615-04    | RDC615-05   | RDC615-06  | RDC615-08  | RDC615-09   |
| 20 ft | RDC620-00   | RDC620-02 | RDC620-03    | RDC620-04    | RDC620-05   | RDC620-06  | RDC620-08  | RDC620-09   |
| 25 ft | RDC625-00   | RDC625-02 | RDC625-03    | RDC625-04    | RDC625-05   | RDC625-06  | RDC625-08  | RDC625-09   |

### Clarity 28AWG Reduced Diameter (RDC) UTP CAT6A Patch Cords (RDC610)

|       | Black (-00) | Red (-02)   | Orange (-03) | Yellow (-04) | Green (-05) | Blue (-06)  | Gray (-08)  | White (-09) |
|-------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|
| 3 ft  | RDC61003-00 | RDC61003-02 | RDC61003-03  | RDC61003-04  | RDC61003-05 | RDC61003-06 | RDC61003-08 | RDC61003-09 |
| 5 ft  | RDC61005-00 | RDC61005-02 | RDC61005-03  | RDC61005-04  | RDC61005-05 | RDC61005-06 | RDC61005-08 | RDC61005-09 |
| 7 ft  | RDC61007-00 | RDC61007-02 | RDC61007-03  | RDC61007-04  | RDC61007-05 | RDC61007-06 | RDC61007-08 | RDC61007-09 |
| 9 ft  | RDC61009-00 | RDC61009-02 | RDC61009-03  | RDC61009-04  | RDC61009-05 | RDC61009-06 | RDC61009-08 | RDC61009-09 |
| 15 ft | RDC61015-00 | RDC61015-02 | RDC61015-03  | RDC61015-04  | RDC61015-05 | RDC61015-06 | RDC61015-08 | RDC61015-09 |
| 20 ft | RDC61020-00 | RDC61020-02 | RDC61020-03  | RDC61020-04  | RDC61020-05 | RDC61020-06 | RDC61020-08 | RDC61020-09 |
| 25 ft | RDC61025-00 | RDC61025-02 | RDC61025-03  | RDC61025-04  | RDC61025-05 | RDC61025-06 | RDC61025-08 | RDC61025-09 |

### Powerwise Pre-Terminated Assemblies – Premium Solutions

Built with Superior Essex PowerWise® 1G 4PPoE cable, these assemblies provide the best performance and overall value for 4 Pair Power over Ethernet (4PPoE) applications requiring up to 100W of power and up to 1 Gigabit Ethernet performance. PowerWise 1G 4PPoE assemblies are specifically designed to mitigate temperature build-up, offer exceptional energy efficiency and ensure performance (up to 1 Gigabit Ethernet) over the lifetime of your system.

| RJ45 TO RJ45  | RJ45 TO BLUNT | DESCRIPTION                              |
|---------------|---------------|------------------------------------------|
| PW5EPYYDB-XX  | PW5EPYYSB-XX  | CAT5E 1G Solid Cable Assemblies – Plenum |
| PW5ERYYYDB-XX | PW5ERYYSB-XX  | CAT5E 1G Solid Cable Assemblies – Riser  |

#### POWERWISE LENGTH AND COLOR CHOICES

Replace YY with length suffix and XX with color suffix below

| Length Suffix |          |          |            | Color Suffix |      |        |       |
|---------------|----------|----------|------------|--------------|------|--------|-------|
| 03=3 ft       | 05=5 ft  | 10=10 ft | 15=15 ft   | -00          | -06  | -07    | -09   |
| 20=20 ft      | 25=25 ft | 30=30 ft | 35=35 ft   |              |      |        |       |
| 40=40 ft      | 45=45 ft | 50=50 ft | 60=60 ft   | Blue         | Blue | Violet | White |
| 70=70 ft      | 80=80 ft | 90=90 ft | 100=100 ft |              |      |        |       |



# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### EZ Patch Clarity UTP CAT5E Patch Cords (EZC5E) – Premium Solutions

The EZ Patch Box Solution is a revolutionary way to dispense and manage patch cords, reducing installation time and waste. There are no bags to open, tie wraps to undo or straightening necessary—the cords dispense one after another, ready to install. With EZ Patch, staging areas are clean, neat, and completely organized.

| Length | Qty | Orange (-03)  | Yellow (-04)  | Green (-05)   | Blue (-06)    | Gray (-08)    | White (-09)   |
|--------|-----|---------------|---------------|---------------|---------------|---------------|---------------|
| 3 ft   | 50  | EZC5E03Q50-03 | EZC5E03Q50-04 | EZC5E03Q50-05 | EZC5E03Q50-06 | EZC5E03Q50-08 | EZC5E03Q50-09 |
| 5 ft   | 50  |               | EZC5E05Q50-04 | EZC5E05Q50-05 | EZC5E05Q50-06 | EZC5E05Q50-08 | EZC5E05Q50-09 |
| 7 ft   | 50  |               | EZC5E07Q50-04 | EZC5E07Q50-05 | EZC5E07Q50-06 | EZC5E07Q50-08 | EZC5E07Q50-09 |
| 9 ft   | 40  |               | EZC5E09Q40-04 | EZC5E09Q40-05 | EZC5E09Q40-06 | EZC5E09Q40-08 | EZC5E09Q40-09 |
| 10 ft  | 40  |               | EZC5E10Q40-04 | EZC5E10Q40-05 | EZC5E10Q40-06 |               | EZC5E10Q40-09 |
| 15 ft  | 25  |               | EZC5E15Q25-04 | EZC5E15Q25-05 | EZC5E15Q25-06 | EZC5E15Q25-08 | EZC5E15Q25-09 |



EZC5EQ50-06

### EZ Patch Clarity UTP CAT6 Patch Cords (EZC6) – Premium Solutions

| Length | Qty | Black (-00)  | Red (-02)    | Orange (-03)  | Yellow (-04)  | Green (-05)   | Blue (-06)    | Purple (-07)  | Gray (-08)    | White (-09)  | Pink (-11)   |
|--------|-----|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|
| 1 ft   | 100 |              |              | EZC601Q100-03 | EZC601Q100-04 | EZC601Q100-05 | EZC601Q100-06 | EZC601Q100-07 | EZC601Q100-08 |              |              |
| 3 ft   | 50  |              | EZC603Q50-02 | EZC603Q50-03  | EZC603Q50-04  | EZC603Q50-05  | EZC603Q50-06  |               | EZC603Q50-08  | EZC603Q50-09 | EZC603Q50-11 |
| 5 ft   | 50  |              | EZC605Q50-02 |               | EZC605Q50-04  | EZC605Q50-05  | EZC605Q50-06  |               | EZC605Q50-08  | EZC605Q50-09 | EZC605Q50-11 |
| 7 ft   | 50  | EZC607Q50-00 | EZC607Q50-02 | EZC607Q50-03  | EZC607Q50-04  | EZC607Q50-05  | EZC607Q50-06  | EZC607Q50-07  | EZC607Q50-08  | EZC607Q50-09 |              |
| 9 ft   | 40  |              | EZC609Q40-02 |               | EZC609Q40-04  | EZC609Q40-05  | EZC609Q40-06  |               | EZC609Q40-08  | EZC609Q40-09 |              |
| 10 ft  | 40  | EZC610Q40-00 | EZC610Q40-02 |               | EZC610Q40-04  | EZC610Q40-05  | EZC610Q40-06  | EZC610Q40-07  |               | EZC610Q40-09 |              |
| 15 ft  | 25  | EZC615Q25-00 | EZC615Q25-02 | EZC615Q25-03  | EZC615Q25-04  | EZC615Q25-05  | EZC615Q25-06  |               | EZC615Q25-08  | EZC615Q25-09 |              |

### EZ Patch Clarity UTP CAT6A Patch Cords (EZC6A) – Premium Solutions

| Length | Qty | Black (-00)   | Red (-02)     | Green (-05)   | Blue (-06)    | Purple (-07)  | White (-09)   |
|--------|-----|---------------|---------------|---------------|---------------|---------------|---------------|
| 3 ft   | 50  |               | EZC6A03Q50-02 | EZC6A03Q50-05 | EZC6A03Q50-06 | EZC6A03Q50-07 |               |
| 5 ft   | 50  |               | EZC6A05Q50-02 | EZC6A05Q50-05 | EZC6A05Q50-06 | EZC6A05Q50-07 |               |
| 7 ft   | 40  |               | EZC6A07Q40-02 | EZC6A07Q40-05 | EZC6A07Q40-06 | EZC6A07Q40-07 |               |
| 9 ft   | 30  |               | EZC6A09Q30-02 | EZC6A09Q30-05 | EZC6A09Q30-06 | EZC6A09Q30-07 |               |
| 10 ft  | 30  | EZC6A10Q30-00 |               |               | EZC6A10Q30-06 |               |               |
| 15 ft  | 20  |               | EZC6A15Q20-02 | EZC6A15Q20-05 | EZC6A15Q20-06 |               | EZC6A15Q20-09 |

### EZ Patch Clarity 28AWG Reduced Diameter (RDC) UTP CAT6 Patch Cords (EZRD6) – Premium Solutions

28AWG Reduced Diameter Cord

| Length | Qty | Yellow (-04)   | Blue (-06)     | Gray (-08)    | White (-09)    |
|--------|-----|----------------|----------------|---------------|----------------|
| 3 ft   | 100 | EZRD603Q100-04 | EZRD603Q100-06 |               | EZRD603Q100-09 |
| 5 ft   | 90  | EZRD605Q90-04  | EZRD605Q90-06  | EZRD605Q90-08 | EZRD605Q90-09  |
| 7 ft   | 80  | EZRD607Q80-04  | EZRD607Q80-06  | EZRD607Q80-08 | EZRD607Q80-09  |
| 9 ft   | 70  |                | EZRD609Q70-06  |               | EZRD609Q70-09  |
| 10 ft  | 70  | EZRD610Q70-04  | EZRD610Q70-06  |               | EZRD610Q70-09  |
| 15 ft  | 50  | EZRD615Q50-04  | EZRD615Q50-06  |               | EZRD615Q50-09  |
| 20 ft  | 50  | EZRD620Q50-04  | EZRD620Q50-06  |               |                |



# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### EZ Patch Flat Pack Clarity 28AWG Reduced Diameter (RDC) UTP CAT6 Patch Cords (EZFPR6) – Premium Solutions

The EZ Patch Flat Pack is an innovative addition to the EZ Patch series, allowing a 12 or 24-pack of cords to be distributed from flat plastic packaging, which is ideal for patch panel applications. The reduced diameter is ideal for high density data center applications. The smaller cable surface area allows for increased airflow and a smaller bend radius, which makes it easy to route through cable management panels.

| PART NO.       | DESCRIPTION                                            |
|----------------|--------------------------------------------------------|
| EZFPR603Q12-XX | 3 ft CAT6 EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR605Q12-XX | 5 ft CAT6 EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR607Q12-XX | 7 ft CAT6 EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR609Q12-XX | 9 ft CAT6 EZ Patch Flat Pack Reduced Diameter, 12-Pack |

NOTE: For standard colors replace XX with 00 (Black), 06 (Blue), 08 (Gray), 09 (White).



EZFPM609Q12-06



EZFPR605Q12-08

### EZ Patch Flat Pack Clarity 28AWG Reduced Diameter (RDC) UTP CAT6A Patch Cords (EZFPR6A) – Premium Solutions

| PART NO.        | DESCRIPTION                                             |
|-----------------|---------------------------------------------------------|
| EZFPR6A03Q12-XX | 3 ft CAT6A EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR6A05Q12-XX | 5 ft CAT6A EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR6A07Q12-XX | 7 ft CAT6A EZ Patch Flat Pack Reduced Diameter, 12-Pack |
| EZFPR6A09Q12-XX | 9 ft CAT6A EZ Patch Flat Pack Reduced Diameter, 12-Pack |

NOTE: For standard colors replace XX with 00 (Black), 06 (Blue), 08 (Gray), 09 (White).



EZFPR6A05Q12-00

### EZ Patch Flat Pack Clarity UTP CAT6 Patch Cords (EZFPM6) – Premium Solutions

| PART NO.       | DESCRIPTION                                   |
|----------------|-----------------------------------------------|
| EZFPM603Q12-XX | 3ft CAT6 EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM605Q12-XX | 5ft CAT6 EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM607Q12-XX | 7ft CAT6 EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM609Q12-XX | 9ft CAT6 EZ Patch Flat Pack, Clarity, 12-Pack |

NOTE: For standard colors replace XX with 00 (Black), 02 (Red), 03 (Orange), 04 (Yellow), 05 (Green), 06 (Blue), 07 (Violet), 08 (Gray), 09 (White).



EZFPR605Q12-06

# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### EZ Patch Flat Pack Clarity UTP CAT6A Patch Cords (EZFPM6A)

#### – Premium Solutions

| PART NO.        | DESCRIPTION                                     |
|-----------------|-------------------------------------------------|
| EZFPM6A03Q12-XX | 3 ft CAT6A EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM6A05Q12-XX | 5 ft CAT6A EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM6A07Q12-XX | 7 ft CAT6A EZ Patch Flat Pack, Clarity, 12-Pack |
| EZFPM6A09Q12-XX | 9 ft CAT6A EZ Patch Flat Pack, Clarity, 12-Pack |

NOTE: For standard colors replace XX with 00 (Black), 02 (Red), 03 (Orange), 04 (Yellow), 05 (Green), 06 (Blue), 07 (Violet), 08 (Gray), 09 (White).



EZFPM6A05Q12-09

### Solid Conductor Pre-Terminated Cable Assemblies

#### – Premium Solutions

Paralign 2 plug terminations elevate these CAT6 and 6A assemblies to Clarity performance to serve application with extended distances or where a punch down termination is required on one end. Typical application includes modular consolidation points or MUTOA applications.

| CATEGORY | PART NO.     |              |
|----------|--------------|--------------|
|          | CMR          | CMP          |
| CAT5E    | SC5ERYYZB-XX | SC5EPYYZB-XX |
| CAT6     | SC6RYYZB-XX  | SC6PYYZB-XX  |
| CAT6A    | SC6ARYYZB-YY | SC6APYYZB-XX |

NOTE: Standard lengths available in 5ft increments (Ex. replace YY with 75 for a 75 ft configuration).

Replace Z with D for RJ45 to RJ45 assemblies, or S for RJ45 to Blunt assemblies.

Replace XX with 00 (Black), 02 (Red), 03 (Orange), 04 (Yellow), 05 (Green), 06 (Blue), 07 (Violet), 08 (Gray), 09 (White).

Contact customer service for length and color availability.



SC6P07SB-06

### VOIP Cords, CAT6 – Premium Solutions

Legrand® VoIP patch cords provide an extra low-profile Clarity plug at one end to address cable bend requirements when plugging into the bottom of an IP phone set. The other cord end offers the full protective attributes of the Paralign™ 2 plug.

| PART NO. | LENGTH | COLOR |
|----------|--------|-------|
| VC603-09 | 3 ft   | White |
| VC605-08 | 5 ft   | Gray  |
| VC607-09 | 7 ft   | White |
| VC609-08 | 9 ft   | Gray  |
| VC609-09 | 9 ft   | White |
| VC615-09 | 15 ft  | White |
| VC625-09 | 25 ft  | White |



VC603-09

# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### Q-Series Patch Cords – Standard Solutions

Q-Series patch cords are a perfect solution for when cost and speed of delivery are top priority. Designed to perform to TIA-568.2-D standards, Q-Series cords are available in a full range of colors and lengths, stocked and ready to order.

| CATEGORY | BOOTED      | NON-BOOTED  | SHIELDED BOOTED |
|----------|-------------|-------------|-----------------|
| CAT5E    | 570-XXX-YYY | 560-XXX-YYY |                 |
| CAT6     | 576-XXX-YYY | 566-XXX-YYY | 576-SXX-YYY     |
| CAT6A    | 576-AXX-YYY |             | 576A-SXX-YYY    |



576-A00-001

NOTE: Replace XXX with color suffix and YYY with length suffix shown in chart below. Visit [Legrand.us](http://Legrand.us) for more details. Please refer to customer service team for custom configuration.

| COLOR SUFFIX (XXX) |         |       | LENGTH SUFFIX (YYY) |         |        |         |
|--------------------|---------|-------|---------------------|---------|--------|---------|
| COLOR              | CAT5E/6 | CAT6A | LENGTH              | CAT5E   | LENGTH | CAT6/6A |
| Gray               | 100     | 00    | 1-7 ft              | 001-007 | 1 ft   | 001     |
| Blue               | 110     | 10    | 10 ft               | 010     | 3 ft   | 003     |
| Yellow             | 115     | 15    | 14 ft               | 014     | 5 ft   | 005     |
| Green              | 120     | 20    | 15 ft               | 015     | 7 ft   | 007     |
| White              | 125     | 25    | 20 ft               | 020     | 10 ft  | 010     |
| Red                | 130     | 30    | 25 ft               | 025     | 14 ft  | 014     |
| Black              | 135     | 35    | 50 ft               | 050     | 25 ft  | 025     |
| Orange             | 140     | 40    | 75 ft               | 075     | 50 ft  | 050     |
| Purple             | 145     | 45    | 100 ft              | 100     | 100 ft | 100     |

# COPPER SOLUTIONS

## Patch Cords & Cable Assemblies

### Q-Series 28 AWG CAT6 Patch Cables – Standard Solutions

Reduced diameter is ideal for high density data center applications. The smaller cable surface area allows for increased airflow and a smaller bend radius, which makes it easy to route through cable management panels.

| CAT6             | PART NO.     |
|------------------|--------------|
| Reduced Diameter | 576-RDXX-YYY |

NOTE: Replace XX with color suffix and YYY with length suffix shown in chart below



| COLOR SUFFIX (XX) |      | LENGTH SUFFIX (YYY) |      |
|-------------------|------|---------------------|------|
| COLOR             | CAT6 | LENGTH              | CAT6 |
| Gray              | 00   | 1 ft                | 001  |
| Blue              | 10   | 3 ft                | 003  |
| Yellow            | 15   | 5 ft                | 005  |
| Green             | 20   | 7 ft                | 007  |
| White             | 25   | 10 ft               | 010  |
| Red               | 30   | 15 ft               | 015  |
| Black             | 35   | 20 ft               | 020  |
| Orange            | 40   | 25 ft               | 025  |
| Purple            | 45   |                     |      |

### Q-Series 28 AWG CAT6A (STP) Patch Cables – Standard Solutions

Reduced diameter is ideal for high density data center applications. The smaller cable surface area allows for increased airflow and a smaller bend radius, which makes it easy to route through cable management panels.

| Length | Blue              | Green             | White             | Red               | Yellow            |
|--------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6 in   | QCC-A454-02F1-6IN | QCC-A454-02F3-6IN | QCC-A454-02F6-6IN | QCC-A454-02F7-6IN | QCC-A454-02F9-6IN |
| 1 ft   | QCC-A454-02F1-001 | QCC-A454-02F3-001 | QCC-A454-02F6-001 | QCC-A454-02F7-001 | QCC-A454-02F9-001 |
| 2 ft   | QCC-A454-02F1-002 | QCC-A454-02F3-002 | QCC-A454-02F6-002 | QCC-A454-02F7-002 |                   |
| 3 ft   | QCC-A454-02F1-003 | QCC-A454-02F3-003 |                   |                   | QCC-A454-02F9-003 |
| 4 ft   | QCC-A454-02F1-004 | QCC-A454-02F3-004 | QCC-A454-02F6-004 |                   | QCC-A454-02F9-004 |
| 5 ft   | QCC-A454-02F1-005 | QCC-A454-02F3-005 | QCC-A454-02F6-005 | QCC-A454-02F7-005 | QCC-A454-02F9-005 |
| 6 ft   | QCC-A454-02F1-006 | QCC-A454-02F3-006 | QCC-A454-02F6-006 |                   | QCC-A454-02F9-006 |
| 7 ft   | QCC-A454-02F1-007 | QCC-A454-02F3-007 | QCC-A454-02F6-007 | QCC-A454-02F7-007 | QCC-A454-02F9-007 |
| 8 ft   | QCC-A454-02F1-008 | QCC-A454-02F3-008 | QCC-A454-02F6-008 | QCC-A454-02F7-008 | QCC-A454-02F9-008 |
| 9 ft   | QCC-A454-02F1-009 |                   | QCC-A454-02F6-009 | QCC-A454-02F7-009 | QCC-A454-02F9-009 |
| 10 ft  | QCC-A454-02F1-010 | QCC-A454-02F3-010 | QCC-A454-02F6-010 | QCC-A454-02F7-010 | QCC-A454-02F9-010 |
| 12 ft  |                   | QCC-A454-02F3-012 | QCC-A454-02F6-012 | QCC-A454-02F7-012 |                   |
| 14 ft  | QCC-A454-02F1-014 | QCC-A454-02F3-014 |                   | QCC-A454-02F7-014 | QCC-A454-02F9-014 |
| 15 ft  | QCC-A454-02F1-015 | QCC-A454-02F3-015 | QCC-A454-02F6-015 | QCC-A454-02F7-015 | QCC-A454-02F9-015 |
| 20 ft  | QCC-A454-02F1-020 | QCC-A454-02F3-020 | QCC-A454-02F6-020 | QCC-A454-02F7-020 |                   |
| 25 ft  | QCC-A454-02F1-025 | QCC-A454-02F3-025 | QCC-A454-02F6-025 | QCC-A454-02F7-025 | QCC-A454-02F9-025 |
| 30 ft  | QCC-A454-02F1-030 | QCC-A454-02F3-030 | QCC-A454-02F6-030 | QCC-A454-02F7-030 | QCC-A454-02F9-030 |
| 35 ft  | QCC-A454-02F1-035 | QCC-A454-02F3-035 | QCC-A454-02F6-035 | QCC-A454-02F7-035 | QCC-A454-02F9-035 |



# COPPER SOLUTIONS

## Rugged Environment & Industrial Rated Solutions

The Legrand range of industrial grade connectivity meets IP67 while supplying the quality cabling performance you have long associated with Legrand. Designed for environments with poor temperature and moisture control, industrial grade jacks, patch panels and patch cords are available in CAT5E and CAT6 performance. A supporting offering of industrial grade Face Plates and surface boxes include gaskets, seals and sealing plugs to support IP67 level protection through the equipment outlet. Industrial Face Plates are stainless steel with gaskets. Industrial boxes utilize UL 94V0 chemically resistant plastic bases with stainless steel cover plates. Ideal for warehouses, manufacturing, healthcare, food & beverage, and more.

### Jacks – Standards Solutions

| PART NO. | DESCRIPTION                                                    |
|----------|----------------------------------------------------------------|
| IPJ5E    | IP67 Rated CAT5E UTP Jack Assembly, with Gasket and Seal Cover |
| IPJ6     | IP67 Rated CAT6 UTP Jack Assembly, with Gasket and Seal Cover  |
| IPJ6A    | IP67 Rated CAT6A FTP Jack Assembly, with Gasket and Seal Cover |
| KSC5EA   | Keystone CAT5E Anti-Corrosive RJ45 Module, Fog White           |
| KSC6A    | Keystone CAT6 Anti-Corrosive RJ45 Module, Fog White            |
| KSC6A-36 | Keystone CAT6 Anti-Corrosive RJ45 Module, Blue                 |



IPJ6



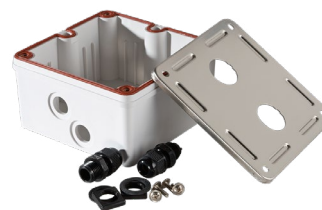
IPJ6

### DIN Rail Mounting Bracket – Standards Solutions

| PART NO. | DESCRIPTION                                                                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SMBDIN   | DIN Rail Mounting Bracket Kit, Accepts 1- or 2-Port Surface Mount Box (HDJ, TJ, SII, KT2J/KS). Also compatible with 404TJ2X2 and 404S22X2U (SMB Sold Separately) |

### Boxes & Enclosures – Standards Solutions

| PART NO. | DESCRIPTION                                      |
|----------|--------------------------------------------------|
| 404IP22  | IP67 Rated 2-Port Surface Box with Rubber Glands |
| 404IP24  | IP67 Rated 4-Port Surface Box with Rubber Glands |



404IP22

# COPPER SOLUTIONS

Rugged Environment & Industrial Rated Solutions

## Face Plates – Standards Solutions

| PART NO.  | DESCRIPTION                                          |
|-----------|------------------------------------------------------|
| 403IPSS11 | 1-Port Industrial Stainless Steel Face Plate, 1-Gang |
| 403IPSS12 | 2-Port Industrial Stainless Steel Face Plate, 1-Gang |



403IPSS11

## Industrial Cords, CAT6 UTP – Standards Solutions

| PART NO.  | DESCRIPTION /LENGTH                                                |
|-----------|--------------------------------------------------------------------|
| IPC603-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 3 ft  |
| IPC605-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 5 ft  |
| IPC607-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 7 ft  |
| IPC610-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 10 ft |
| IPC615-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 15 ft |
| IPC620-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 20 ft |
| IPC625-00 | Gasket seal RJ45 to gasket seal RJ45 Assembly, CAT6 M/M, UTP 25 ft |

NOTE: Standard color is Black with the 00 tail code



IPC610-00

| PART NO.      | LENGTH                                                          |
|---------------|-----------------------------------------------------------------|
| MC657605-10FT | Gasket seal RJ45 to standard RJ45 Assembly, CAT6 M/M, UTP 10 ft |
| MC657605-15FT | Gasket seal RJ45 to standard RJ45 Assembly, CAT6 M/M, UTP 15 ft |
| MC657605-20FT | Gasket seal RJ45 to standard RJ45 Assembly, CAT6 M/M, UTP 20 ft |

# COPPER SOLUTIONS

## Clarity Series II

Clarity® Series II® modules combine the improved performance of center tuned CAT6 or 5E connector technology with the ease and reliability of rugged, front-loading Series II modules with linear 110 termination.

### Jacks – Standards Solutions

| PART NO.    | DESCRIPTION                              |
|-------------|------------------------------------------|
| S215E00-XX  | Series II, Clarity CAT5E, T568A/B 1-Port |
| S21600-XX   | Series II, Clarity CAT6, T568A/B 1-Port  |
| S225E00-XX  | Series II, Clarity CAT5E, T568A/B 2-Port |
| S22600-XX   | Series II, Clarity CAT6, T568A/B 2-Port  |
| 40300164-XX | Blank Module, 1-unit                     |
| 40300191-XX | Blank Module, 1-unit, 10 pack            |

NOTE: Remove -XX for Fog White, for other colors replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory).

### Workstation – Face Plate – Standard Solutions

Legrand offers single and double gang Series II plastic Face Plates with a variety of module capacities to match your workstation applications. Series II plates offer recessed label fields, slotted screw holes to adjust alignment and are ruggedly constructed from high impact thermo-plastic 94V-0 rated to ensure long life.

| PART NO.    | DESCRIPTION                                                          |
|-------------|----------------------------------------------------------------------|
| 40300011    | Series II Single-Gang Face Plate 2.75 in x 4.5 in x .75 in Fog White |
| 40300158-XX | Series II Single-Gang Face Plate STD, 2.75 in x 4.5 in x .5 in       |
| 40300159-YY | Series II Dual-Gang Face Plate STD, PC, 4.5 in x 4.5 in, 12-Port     |
| 40300664    | Series II Single-Gang Face Plate 2-1U, Angled, Fog White             |

NOTE: Remove -XX for Fog White, for other colors replace XX with 00 (Black), 13 (Ivory), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory).

Remove -YY for Fog White, or replace YY with 13 (Ivory).

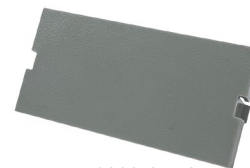
### Workstation – Surface Mount Boxes – Standard Solutions

Series II surface mount boxes are available to house one to four 1-unit modules. Bases are easily installed with supplied screws or double-sided adhesive. Snap-on covers have recessed label fields. Series II surface mount boxes are ruggedly constructed from high impact thermo-plastic 94V-0 rated. These surface mount boxes work with 180o modules only. Compatible with Wiremold® 2700, 2800 and 2900 raceway series.

| PART NO.  | DESCRIPTION                                                             |
|-----------|-------------------------------------------------------------------------|
| 404S21U   | Series II 1U Surface Mount Box, Fog White                               |
| 404S21X1U | Series II 1x1U Surface Mount Box, Jacks exit from both sides, Fog White |
| 404S22U   | Series II 2U Surface Mount Box, Fog White                               |
| 404S22X2U | Series II 2x2U Surface Mount Box, Jacks exit from both sides, Fog White |
| 404S23U   | Series II 3U Surface Mount Box, Fog White                               |



S21600-88



40300164-78



40300158-13



40300159-13



40300664



404S23U

## Workstation - Bezels - Standard Solutions

Legrand offers a wide selection of Series II plates for the many furniture systems available today. Plates easily snap mount into furniture, requiring no special tools. Plates are ruggedly constructed from high impact thermo- plastic 94V-0 rated.

| PART NO.    | DESCRIPTION                                                                    |
|-------------|--------------------------------------------------------------------------------|
| 40300167-XX | Bezel, Furniture Bezel, .34 in D                                               |
| 40300656    | Series II Angled Bezel, Accepts (2) Flat TracJack Modules, 1.5U, White 10 Pack |
| 41200004    | MMO II Plate, 2/Series II PC, White, Empty                                     |

NOTE: Remove -XX for Black, for additional colors replace XX with 09 (Fog White), 99 (White).



40300656

## Workstation - Inserts - Standard Solutions

Legrand offers a wide selection of Series II inserts to pair with series II bezels, plates, and boxes. Inserts easily snap in, requiring no special tools.

| PART NO. | DESCRIPTION                                                             |
|----------|-------------------------------------------------------------------------|
| 60900017 | Series II, F/F Connector, 180°, 1 Unit, Fog White                       |
| 60900182 | Series II, ST, OM1, 1.50, F-RMVBL, 60°, 3 Unit, Fog White               |
| 60900183 | Series II, ST, OS2, 1.50, F-RMVBL, 60°, 3 Unit, Fog White               |
| 60900184 | Series II, SC Duplex, MTL, MM, 60° Exit, 1.5 Unit, Fog White/Beige      |
| 60900324 | Series II, 2/ST/MTL/MM, 180°, 1 Unit, Fog White Housing                 |
| 60900327 | Series II, 2/ST/CER/SM, 180°, 1 Unit, Fog White Housing                 |
| 60900328 | Series II, 2/SC/Beige/MM, Flush, 180°, 1 Unit, Fog White Housing        |
| 60900329 | Series II, 2/LC/Beige/MM, Flush, 180°, 1 Unit, Fog White Housing        |
| 60900332 | Series II, 1/SC/Duplex/Blue/SM, 180°, 1 Unit, Fog White Housing         |
| 60900335 | Series II, 2/ST/MTL/MM, 45°, 2 Unit, Fog White Housing                  |
| 60900340 | Series II, 2/SC/Beige/MM, Flush, 45°, 2 Unit, Fog White Housing         |
| 60900343 | Series II, 1/SC/DX/Beige/MM, 180°, 1 Unit, Fog White Housing            |
| 60900346 | Series II, 1/LC/Beige/MM, 180°, 1 Unit, Fog White Housing               |
| 60900365 | Series II, 2/LC/DX, Aqua, MM, Flush, Fog White Housing                  |
| 60900366 | Series II, 1/LC/DX, Aqua, MM, Flush, Fog White Housing                  |
| 60900367 | Series II, 2/45° exit, 2U height/DX, Aqua, MM, Flush, Fog White Housing |
| 60900368 | Series II, 2/SC/Aqua, MM, Flush, Fog White Housing                      |
| 60900370 | Series II, 1/SC/DX/Aqua/MM, 180°, 1 Unit, Fog White Housing             |
| 60900371 | Series II, SC/DX, MM, 60° EXIT, 1.5U, Fog White Housing                 |
| 40300023 | Series II Blank Module, 180°, 1.5 Units, Fog White, 31X48               |
| 40300164 | Series II, HSG, Blank, 1 Unit, .92 in X 1.90 in, Fog White              |
| 40300191 | Series II, HSG, Blank, 1 Unit, Fog White, Qty 10                        |
| 60900235 | Series II, 3/PHONO, 110, 1 Unit, Fog White, Yellow/Red/White            |
| 60900372 | Series II, HDMI, F/F, 180°, 1 Unit, Fog White Housing                   |
| 60900376 | Series II, VGA 15PIN, F/F, 1 Unit, Fog White Housing                    |
| S21RJ25  | Series II, 1/PHONO, 180°, 1 Unit, Ivory, Yellow                         |
| S21RJ61  | Series II, 2/RCA, 1 Red, 1YELTO 110, 45°, Wiremold Ivory                |
| S21HDJ10 | Series II, 1 UNIT 1-PORT HDJ, 10 Fog White                              |
| S22HDJ10 | Series II, 1 UNIT 2-PORT HDJ, 10 Fog White                              |
| S22RJ25  | Dual USOC RJ25 Jack, 6-Position, 180° exit                              |
| KSS2210  | Series II Bezel, 2-port, Keystone Opening, 1-Unit, 10pk                 |

NOTE: Standard color is Fog White, contact customer service for additional colors and availability.



60900182



40300164



KSS2210

# COPPER SOLUTIONS

## SNAP Pre-Terminated Systems

### Clarity® SNAP™ Pre-Terminated Copper Cabling System Cabling System

The SNAP connection utilizes a bifurcated termination method, placing one mating half of the termination onto the horizontal cable and the other on the 8-position T568 jack interface. This approach reduces the size of the terminated cable ends, making it easier to pull and lace cables through racks, cabinets, cable management systems, and pathways. In addition, individual cable ends of bundled cables can be passed through one at a time, as compared to some alternative designs where the connections are bundled into modules and must be pulled through pathways and openings that way.

As a result, SNAP cable assemblies route faster, with less interference from connector ends within congested pathways. And, the robust cable ends are ruggedly designed to handle the physical challenges of any installation. When in position, these cable ends simply SNAP into the back of the panel or workstation outlet, completing the termination. It's a SNAP!

The Clarity SNAP system also offers the added assurance of the premium performance of Clarity connectivity. The SNAP bifurcated termination offers improved pair-to-pair isolation and improved pair balance through the connector, while barriers located on the sides of these terminations enhance alien noise performance. The result is improved channel immunity from internal and external noise, which ensures consistently high performance links and channels.

The benefit of this technology is a consistently high performance cabling system that is fast and simple to install and enables quick network deployment, increased reliability, and lower total cost of ownership. Both the electrical design of SNAP and the additional controls and in-process testing only available in a factory environment lead to improved consistency in channel performance, to improve the overall average results that you can expect from your installation.

### The Clarity SNAP system offers port replication

Port replication enables a separate patch panel to act as the administrative cross connect for servers and switches. Factory assembled port replication cable sets and panels provide a quick and easy pretested option. Port replication is an increasingly popular method of protecting modular jacks in both switches and servers. Repeated use of these modular jacks as an administrative connection to horizontal cabling can expose jack ports to damage. Port replication enables a separate patch panel to act as the administrative cross connect instead of using the switch or server ports directly, minimizing the risk of harm to your active equipment. Should the replicated ports become damaged over time, the replacement cost and network downtime are significantly less than the expense of replacing a switch or server port.

Clarity SNAP Port Replication (PR) from Legrand® raises the bar in performance and speed of installation by utilizing the SNAP system's innovative design to easily integrate factory terminated cables into a port replication application. SNAP PR cable assemblies use RJ45 terminations on the server/switch side and SNAP cable terminations on the patch panel side to enable the SNAP patch panel as the cross connect.

Each Clarity® SNAP cable assembly includes an identification label, which includes part number, performance level, and serialized quality assurance number for future traceability.

# COPPER SOLUTIONS

## SNAP Pre-Terminated Systems

### PCH

Multiple Cable Harness Matrix: CMP (plenum), CMR (riser), LSZH (low smoke zero halogen)

Choose your cable type, number of cables, color, length and leg style using the shaded code.  
Notes: Contact sales for lead-times and minimums for other cable colors.

| PCH | Cable Type   |    | # of Cables                |    | Color |    | Length<br>(Includes Legs)                          |
|-----|--------------|----|----------------------------|----|-------|----|----------------------------------------------------|
|     | CAT6A Plenum | XP | 6 in a spiral-bound bundle | 6B | Blue  | 06 | XXX (feet)                                         |
|     | CAT6A Riser  | XR |                            |    |       |    |                                                    |
|     | CAT6 Plenum  | 2P | 6 in mesh                  | 6M |       |    |                                                    |
|     | CAT6 Riser   | 2R |                            |    |       |    |                                                    |
|     | CAT6 LSZH    | 2Z | 6 in a spiral-bound bundle | 6B | Green | 05 | XX.X (meters)<br>.0 (full meter)<br>.5 (1/2 meter) |



| END 1 LEG                           |   | END 2 LEGS                          |   |
|-------------------------------------|---|-------------------------------------|---|
| No stagger w/<br>protective sock    | 1 | No stagger w/<br>protective sock    | 1 |
| Stagger left w/<br>protective sock  | 2 | Stagger left w/<br>protective sock  | 2 |
| Stagger right w/<br>protective sock | 3 | Stagger right w/<br>protective sock | 3 |
| No stagger w/<br>pulling sock       | 4 | No stagger w/<br>pulling sock       | 4 |
| Stagger left w/<br>pulling sock     | 5 | Stagger left w/<br>pulling sock     | 5 |
| Stagger right w/<br>pulling sock    | 6 | Stagger right w/<br>pulling sock    | 6 |

Example – PCHXP6B06XXX11



### PCS

Single Cable Harness Matrix: CMP (plenum), CMR (riser), LSZH (low smoke zero halogen)

Choose your cable type, color, length and leg style using the shaded code.  
Notes: Contact sales for lead-times and minimums for other cable colors.

| PCS | CABLE TYPE   |    | COLOR |    | LENGTH<br>(Includes Legs)                          |
|-----|--------------|----|-------|----|----------------------------------------------------|
|     | CAT6A Plenum | XP | Blue  | 06 | XXX (feet)                                         |
|     | CAT6A Riser  | XR |       |    |                                                    |
|     | CAT6 Plenum  | 2P |       |    |                                                    |
|     | CAT6 Riser   | 2R | Green | 05 | XX.X (meters)<br>.0 (full meter)<br>.5 (1/2 meter) |
|     | CAT6 LSZH    | 2Z |       |    |                                                    |



| CABLE NUMBER LABEL |    |
|--------------------|----|
| No #               | 00 |
| #1                 | 01 |
| #2                 | 02 |
| #3                 | 03 |
| #99                | 99 |



PCS2P06XXX00

Example – PCS2P06XXX00



## COPPER SOLUTIONS

## SNAP Pre-Terminated Systems

## PRH

## Multi Cable Harness Matrix

Choose your cable type, number of cables, color, length and leg style using the shaded code.

Notes: Contact sales for lead-times and minimums for other cable colors.

| CABLE TYPE   | # OF CABLES | COLOR                      | LENGTH<br>(Includes Legs) | RJ45 END LEGS                    |   | SNAP END LEGS                    |   |
|--------------|-------------|----------------------------|---------------------------|----------------------------------|---|----------------------------------|---|
|              |             |                            |                           | No stagger w/<br>Protective Sock | 1 | No Stagger w/<br>Protective Sock | 1 |
| CAT6A Plenum | XP          | 6 in a Spiral-Bound Bundle | 6B                        |                                  |   |                                  |   |
| CAT6A Riser  | XR          | 6 in Mesh                  | 6M                        |                                  |   |                                  |   |
| CAT6 Plenum  | 2P          |                            |                           |                                  |   |                                  |   |
| CAT6 Riser   | 2R          |                            |                           |                                  |   |                                  |   |

Example -PRH2R6B06XXX11



PRH2R6B06XXX11

## PRS

## Single Cable Harness Matrix

Choose your cable type, number of cables, color, length and leg style using the shaded code.

Notes: Contact sales for lead-times and minimums for other cable colors.

| CABLE TYPE   | COLOR | LENGTH<br>(Includes Legs) | CABLE NUMBER LABEL |    |
|--------------|-------|---------------------------|--------------------|----|
|              |       |                           | No #               | 00 |
| CAT6A Plenum | XP    |                           | #1                 | 01 |
| CAT6A Riser  | XR    |                           | #2                 | 02 |
| CAT6 Plenum  | 2P    |                           | #3                 | 03 |
| CAT6 Riser   | 2R    |                           | #99                | 99 |

Example - PRS2R09XXX00



PRS2R09XXX00

# COPPER SOLUTIONS

## SNAP Pre-Terminated Systems

### SNAP Panels – Improved Rear Cable Management

Clarity® SNAP™ patch panels offer improved rear cable management with the addition of an adjustable depth rear management bar. The rear portion of these bars is also removable to provide more working room for the initial termination of panels. After cables are SNAP terminated, the rear bars are attached and adjusted to the depth that best matches the cable and rack selections.

SNAP panels are also supplied with SNAP-on positioning bend limiters. These plastic cable management aids assist with maintaining proper bend radius of all cables while minimizing the stress on any one cable. This is especially beneficial for cable bundles, as this allows the dissipation of any stress across the entire bundle instead of any one cable termination.

| FLAT PANELS                |                            |                                               |
|----------------------------|----------------------------|-----------------------------------------------|
| FLAT 24-PORT<br>PART NO.   | FLAT 48-PORT<br>PART NO.   | DESCRIPTION                                   |
| PPCF610U24                 | PPCF610U48                 | Clarity 10G flat panels with 6-port modules   |
| PPCF66U24                  | PPCF66U48                  | Clarity 6 flat panels with 6-port modules     |
| ANGLED PANELS              |                            |                                               |
| ANGLED 24-PORT<br>PART NO. | ANGLED 48-PORT<br>PART NO. | DESCRIPTION                                   |
| PPCA610U24                 | PPCA610U48                 | Clarity 10G angled panels with 6-port modules |
| PPCA66U24                  | PPCA66U48                  | Clarity 6 angled panels with 6-port modules   |



PPCF66U24



PPCA66U48

### SNAP TracJack Workstation Modules

(SNAP to Standard RJ45)

| PART NO.  | DESCRIPTION   |
|-----------|---------------|
| TJSN6A-XX | Clarity CAT6A |
| TJSN6-XX  | Clarity CAT6  |

NOTE: For color options, replace XX with 09 (Fog White), 36 (Blue), 42 (Orange), 44 (Yellow), 45 (Green), 68 (Gray).



TRACJACK FACE PLATE



TJSN6-36



TJSNIC-53

### SNAP Inline Couplers

(SNAP to SNAP feedthru)

SNAP™ inline coupler will allow multiple lengths of SNAP cable assemblies to be connected together in a horizontal channel or permanent link. This product is targeted for use in the open office, flexible workplaces or environments where there is a predisposition that work station layouts will be frequently modified. Factory terminated cabling offers a time saving approach to initial installation and future MAC work.

| PART NO.  | DESCRIPTION                           |
|-----------|---------------------------------------|
| TJSNIC-53 | SNAP inline coupler TracJack®, orange |

## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## TABLE OF CONTENTS

FIBER

## OPTICS

## PHYSICAL SUPPORT

CABLOFIL

INDEX

# FIBER OPTIC SOLUTIONS

We offer complete fiber optic solutions that are designed to deliver the most advanced network performance, with a variety of density and connector options for maximum compatibility.

Our offering includes a broad range of fiber platforms, from Infinium systems for the most demanding applications, to Q-Series systems that make the most of an IT budget. Along with greater density support, Legrand fiber enclosure systems deliver the usual benefits – simple installation, easy administration, and high performance. As networks evolve to support higher bandwidths and new architectures, Legrand helps maximize enclosure investment by designing our enclosure systems to allow for simple swaps of components while utilizing the same enclosure.

Three performance tiers define these diverse fiber platforms. Leading with Infinium Quantum, the world's first Quantum-Low loss fiber solution, Infinium Ultra, a leading Ultra-Low loss fiber solution, and Infinium Core, the low loss fiber solution. Each of these performance tiers is a complete end-to-end solution that were purposefully engineered to work together as a seamless solution that delivers unsurpassed network performance within data centers or building networks.

## Pre-Terminated MTP Solutions

Splice solutions will have lower total channel connection loss

### Infinium Quantum

Single-Mode total channel connection loss: 0.75dB  
Single-Mode total channel connection return loss: 49dB  
Multimode total channel connection loss: 0.70dB  
Multimode total channel connection return loss: 37dB

### Infinium Ultra

Single-Mode total channel connection loss: 1.2dB  
Single-Mode total channel connection return loss: 49dB  
Multimode total channel connection loss: 1.0dB  
Multimode total channel connection return loss: 16dB

### Infinium Core

Single-Mode total channel connection loss: 2.1dB  
Single-Mode total channel connection return loss: 49dB  
Multimode total channel connection loss: 2.5dB  
Multimode total channel connection return loss: 16dB

## Pre-Terminated acclA/M Solutions

### Infinium Core

Single-Mode typical total channel connection loss: 0.45dB  
Single-Mode total channel connection return loss: 49dB  
Multimode typical total channel connection loss: 0.40dB  
Multimode total channel connection return loss: 16dB

## FIBER OPTIC SOLUTIONS



|                                      | INFINIUM HIGH-DENSITY ENHANCED                                                                                                                                                                          | INFINIUM acclA/M ACCESS ENCLOSURE                                                                                                                                                                                          | PANELS, HIGH, & STANDARD DENSITY                                                                                            | Q-SERIES STANDARD DENSITY                                                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPICAL APPLICATIONS                 | Campus Network<br>Building Network<br>Data Center                                                                                                                                                       | Hyper Scale Data Center<br>Colocation Data Center<br>Enterprise Data Center                                                                                                                                                | Building Networks<br>Data Center                                                                                            | Building Networks                                                                                                                                           |
| KEY FEATURES                         | <ul style="list-style-type: none"> <li>Single person install and tool-less adjustments</li> <li>Internal LED lights and white tray for visibility</li> <li>Magnetic Latch One hand open/shut</li> </ul> | <ul style="list-style-type: none"> <li>Single person install</li> <li>Enclosure release button for drawer release</li> <li>Spring loaded top cover and slide out drawer extension up to 10" for improved access</li> </ul> | <ul style="list-style-type: none"> <li>Flat and angles configurations</li> <li>Supports mixed-media applications</li> </ul> | <ul style="list-style-type: none"> <li>Front doors, rear doors and removable top panels</li> <li>Rear knockouts for horizontal cabling entrances</li> </ul> |
| MAX # OF FIBERS PER RU (SC)          | 48                                                                                                                                                                                                      |                                                                                                                                                                                                                            | 48                                                                                                                          | 36                                                                                                                                                          |
| MAX # OF FIBERS PER RU (LC)          | 96                                                                                                                                                                                                      |                                                                                                                                                                                                                            | 96                                                                                                                          | 72                                                                                                                                                          |
| MAX # OF FIBERS PER RU (12F MPO)     | 384                                                                                                                                                                                                     |                                                                                                                                                                                                                            | 576                                                                                                                         | 216                                                                                                                                                         |
| MAX # OF FIBERS PER RU (24F MPO)     | 768                                                                                                                                                                                                     |                                                                                                                                                                                                                            | 1152                                                                                                                        | 432                                                                                                                                                         |
| MDC                                  | 128                                                                                                                                                                                                     |                                                                                                                                                                                                                            | Up to 384                                                                                                                   | 96                                                                                                                                                          |
| acclA/M SOLUTION WITH MDC            | 96                                                                                                                                                                                                      | 288                                                                                                                                                                                                                        |                                                                                                                             |                                                                                                                                                             |
| CASSETTES / ADAPTER PANELS PER RU    | LM4 (4), LM8 (12)                                                                                                                                                                                       |                                                                                                                                                                                                                            | LMH (8 12F, 12 8F)                                                                                                          | LM2 (3)                                                                                                                                                     |
| DRAWER FACES & CABLE MANAGEMENT TRAY | Sliding                                                                                                                                                                                                 | Complete Enclosure Sliding Drawer                                                                                                                                                                                          | Fixed                                                                                                                       | Sliding                                                                                                                                                     |
| BASE 12 SUPPORT                      | Yes                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                        | Yes                                                                                                                         | Yes                                                                                                                                                         |
| BASE 8 SUPPORT                       | Yes                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                        | Yes                                                                                                                         | No                                                                                                                                                          |
| SPLICING CAPABILITIES                | Splice Cassettes                                                                                                                                                                                        | Splice Tray                                                                                                                                                                                                                | Splice Tray - Ultra High Density Panel Only                                                                                 | Splice Cassettes, Pigtails, Splice-On Connectors                                                                                                            |
| COLOR OPTIONS                        | Magnesium                                                                                                                                                                                               | Magnesium                                                                                                                                                                                                                  | Black                                                                                                                       | Black                                                                                                                                                       |
| CONTRIBUTES TO LEED CREDIT           | Yes                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                        | Yes                                                                                                                         | Yes                                                                                                                                                         |
| ADAPTER PANELS                       | HDFP / HD8FP                                                                                                                                                                                            |                                                                                                                                                                                                                            | HDFM/HD6FM                                                                                                                  | OFP                                                                                                                                                         |
| CASSETTES                            | LM4 / LM8                                                                                                                                                                                               |                                                                                                                                                                                                                            | LMH                                                                                                                         | LM2                                                                                                                                                         |

Note: \*MPO adapter panels will be available in 2022

TABLE OF CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL SUPPORT

CABLOFIL

INDEX



# FIBER OPTIC SOLUTIONS

## Infinium acclAIM

acclAIM has redefined fiber architecture, replacing cassette-based solutions with direct connections, which eliminates extra components, and cost. acclAIM delivers the lowest insertion loss available on the market, the most optical headroom, improved density, flexibility and system lifecycle.

The acclAIM™ Alignment Independent Multifiber (AIM) fiber interconnect system is designed to mate multiples of 8-fiber trunk cable connectors directly to arrays of twin-fiber patch cord connectors by means of a “conversion adapter”.

### Features and Benefits

- Approaching Infinite Scalability: Based on the simplified design, unparalleled performance, and flexibility of architecture, Infinium acclAIM has an almost limitless migration path
  - Media Interface: 10GBASE, 25GBASE, 40GBASE, 100GBASE, 400GBASE & Beyond
- Sustainable Migration: Due to the vast migration capability acclAIM enables sustainability through fewer components and drastically longer life cycles making the acclAIM network infrastructure solution a sustainable building asset for decades to come.
- Application Defined Polarity: Polarity can be adapted to nearly any link configuration; preplanned, on site, or on the fly - No option to determine when ordering or designing.
- Direct Mating Breakout: acclAIM connectors mate directly to an array of twin fiber patch cords - Simplify Connectivity
- No Gender Considerations: No pins, just direct connections
- Go Live Faster: Easy to stock and short lead times for conversion adapters enable rapid or emergency deployment
- Near Lossless: Insertion loss near zero
- Scan QR code for updates
- HDFA Ultra-High Density Plus (UHD+): Max # of fibers per RU **192F** (96 MDC)
- OFP Ultra High Density: Max # of fibers per RU **144F** (72 MDC)



### Fiber Conversion Adapter Panels

| Part Number  | Description       | Connector Style    | Fiber / Adapter Count | Color |
|--------------|-------------------|--------------------|-----------------------|-------|
| HDFP-AAE24AC | Infinium Adapter  | acclAIM to acclAIM | 24 (3 - Adapters)     | Blue  |
| HDFP-AAE24LC | Infinium Adapter  | acclAIM to acclAIM | 24 (3 - Adapters)     | Aqua  |
| HDFP-AAE24QC | Infinium Adapter  | acclAIM to acclAIM | 24 (3 - Adapters)     | Lime  |
| HDFP-AAE48AC | Infinium Adapter  | acclAIM to acclAIM | 48 (6 - Adapters)     | Blue  |
| HDFP-AAE48LC | Infinium Adapter  | acclAIM to acclAIM | 48 (6 - Adapters)     | Aqua  |
| HDFP-AAE48QC | Infinium Adapter  | acclAIM to acclAIM | 48 (6 - Adapters)     | Lime  |
| HDFP-AME24LC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 24 (3 - Adapters)     | Aqua  |
| HDFP-AME24QC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 24 (3 - Adapters)     | Lime  |
| HDFP-AME24AC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 24 (3 - Adapters)     | Blue  |
| HDFP-AME48LC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 48 (6 - Adapters)     | Aqua  |
| HDFP-AME48QC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 48 (6 - Adapters)     | Lime  |
| HDFP-AME48AC | acclAIM / MDC (4) | acclAIM / MDC (4)  | 48 (6 - Adapters)     | Blue  |
| OFP-AAE24AC  | Q-Series          | acclAIM to acclAIM | 24 (3 - Adapters)     | Blue  |
| OFP-AAE24LC  | Q-Series          | acclAIM to acclAIM | 24 (3 - Adapters)     | Aqua  |
| OFP-AAE24QC  | Q-Series          | acclAIM to acclAIM | 24 (3 - Adapters)     | Lime  |
| OFP-AAE48AC  | Q-Series          | acclAIM to acclAIM | 48 (6 - Adapters)     | Blue  |
| OFP-AAE48LC  | Q-Series          | acclAIM to acclAIM | 48 (6 - Adapters)     | Aqua  |
| OFP-AAE48QC  | Q-Series          | acclAIM to acclAIM | 48 (6 - Adapters)     | Lime  |



HDFP-AAE24AC



HDFP-AAE48LC



OFP-AAE24QC



OFP-AAE48AC



OFP-AME24LC



OFP-AME48QC

### acclAIM Splice-On Pigtail

| Part Number        | Connector Style                    | Core Diam. | Fiber Type | Fiber Count | Jacket Type | Length | UOM    | Color  |
|--------------------|------------------------------------|------------|------------|-------------|-------------|--------|--------|--------|
| C00AMC37S5J0M0003M | acclAIM to Laser Cleaved Blunt End | 9/125 µm   | OS2 (SM)   | 8           | Plenum      | 2      | Meters | Yellow |
| C00AMC37S5E0M0003M | acclAIM to Laser Cleaved Blunt End | 50/125 µm  | OM4 (MM)   | 8           | Plenum      | 3      | Meters | Aqua   |

# FIBER OPTIC SOLUTIONS

Infinium™ acclA/M

## Fiber Trunk Cable Assembly

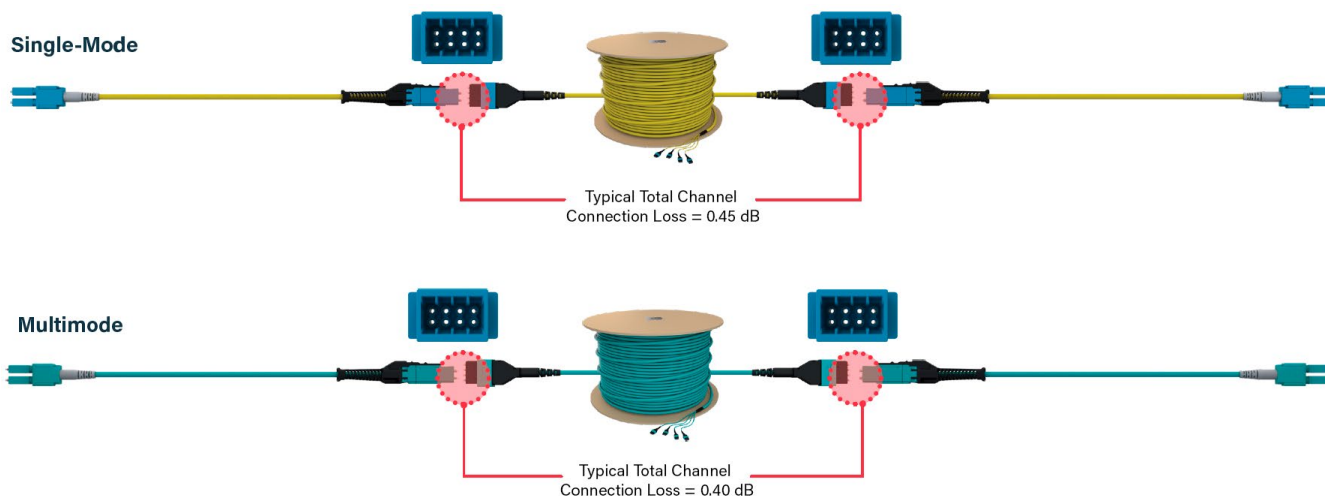
| Part Number           | Description   | Fiber Type | Fiber Count | Polarity | Jacket Type | Length | UoM   |
|-----------------------|---------------|------------|-------------|----------|-------------|--------|-------|
| CAMAMC37S5JMM0xxxM(F) | Infinium Core | OS2        | 8           | C        | Plenum      | xxx    | M / F |
| CAMAMC37S5EMM0xxxM(F) | Infinium Core | OM4        | 8           | C        | Plenum      | xxx    | M / F |
| CAMAMC37S5HMM0xxxM(F) | Infinium Core | OM5        | 8           | C        | Plenum      | xxx    | M / F |
| CAMAMC63SAJMM0xxxM(F) | Infinium Core | OS2        | 24          | C        | Plenum      | xxx    | M / F |
| CAMAMC63SAEMM0xxxM(F) | Infinium Core | OM4        | 24          | C        | Plenum      | xxx    | M / F |
| CAMAMC63SAHMM0xxxM(F) | Infinium Core | OM5        | 24          | C        | Plenum      | xxx    | M / F |
| CAMAMC63SEJMM0xxxM(F) | Infinium Core | OS2        | 48          | C        | Plenum      | xxx    | M / F |
| CAMAMC63SEEMM0xxxM(F) | Infinium Core | OM4        | 48          | C        | Plenum      | xxx    | M / F |
| CAMAMC63SEHMM0xxxM(F) | Infinium Core | OM5        | 48          | C        | Plenum      | xxx    | M / F |

Note: UOM = Unit of Measure - (M) Meters / (F) Feet

Note: Other Pre-Configured options are available or trunks can be fully customized to fit your individual need.

## Pre-Configured LC Uniboot to MDC Patch Cords

| Part Number       | Description                      | Fiber Type | Polarity | Form Factor | Jacket Type | Length | UOM    | Insertion Loss (Max) |
|-------------------|----------------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L1-802JA2JYB0002F | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 2      | Feet   | 0.30 dB              |
| L1-802JA2JYB0003F | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 3      | Feet   | 0.30 dB              |
| L1-802JA2JYB0004F | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 4      | Feet   | 0.30 dB              |
| L1-802JA2JYB0001M | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 1      | Meters | 0.30 dB              |
| L1-802JA2JYB0002M | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 2      | Meters | 0.30 dB              |
| L1-802JA2JYB0003M | Infinium Core, LC Uniboot to MDC | OS2        | A-A      | Duplex DFX  | Plenum      | 3      | Meters | 0.30 dB              |
| L1-802JA2EAB0002F | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 2      | Feet   | 0.50 dB              |
| L1-802JA2EAB0003F | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 3      | Feet   | 0.50 dB              |
| L1-802JA2EAB0004F | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 4      | Feet   | 0.50 dB              |
| L1-802JA2EAB0001M | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 1      | Meters | 0.50 dB              |
| L1-802JA2EAB0002M | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 2      | Meters | 0.50 dB              |
| L1-802JA2EAB0003M | Infinium Core, LC Uniboot to MDC | OM4        | A-A      | Duplex DFX  | Plenum      | 3      | Meters | 0.50 dB              |

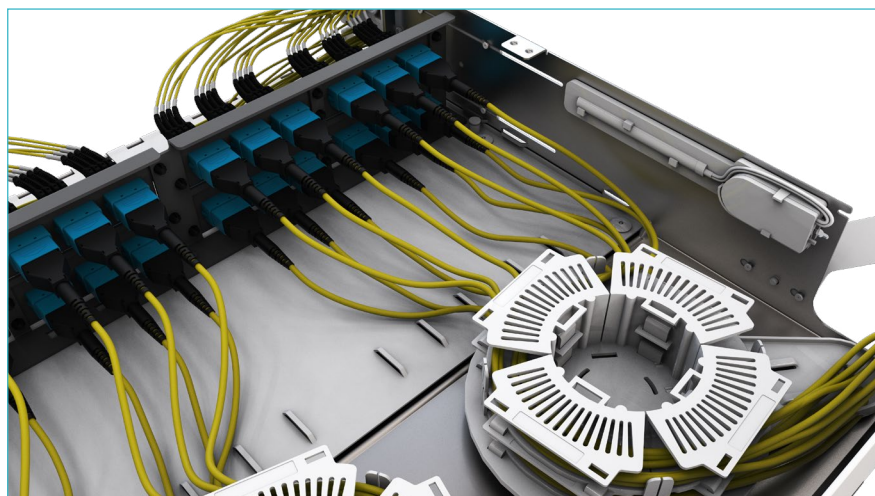


# FIBER OPTIC SOLUTIONS

Infinium™ acclA/M

## LC to acclA/M Harness

| Part Number        | Connector Style  | Core Diameter | Fiber Type | Fiber Count | Length | UoM    | Color  |
|--------------------|------------------|---------------|------------|-------------|--------|--------|--------|
| C80AM137S5JEM0001M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 1      | Meters | Yellow |
| C80AM137S5JEM0002M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 2      | Meters | Yellow |
| C80AM137S5JEM0003M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 3      | Meters | Yellow |
| C80AM137S5JEM0004M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 4      | Meters | Yellow |
| C80AM137S5JEM0005M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 5      | Meters | Yellow |
| C80AM137S5JEM0010M | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 10     | Meters | Yellow |
| C80AM137S5JEM0002F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 2      | Feet   | Yellow |
| C80AM137S5JEM0003F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 3      | Feet   | Yellow |
| C80AM137S5JEM0004F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 4      | Feet   | Yellow |
| C80AM137S5JEM0005F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 5      | Feet   | Yellow |
| C80AM137S5JEM0010F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 10     | Feet   | Yellow |
| C80AM137S5JEM0015F | 4x LC to acclA/M | 9/125 µm      | OS2 (SM)   | 8           | 15     | Feet   | Yellow |
| C80AM137S5EEM0001M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 1      | Meters | Aqua   |
| C80AM137S5EEM0002M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 2      | Meters | Aqua   |
| C80AM137S5EEM0003M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 3      | Meters | Aqua   |
| C80AM137S5EEM0004M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 4      | Meters | Aqua   |
| C80AM137S5EEM0005M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 5      | Meters | Aqua   |
| C80AM137S5EEM0010M | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 10     | Meters | Aqua   |
| C80AM137S5EEM0002F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 2      | Feet   | Aqua   |
| C80AM137S5EEM0003F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 3      | Feet   | Aqua   |
| C80AM137S5EEM0004F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 4      | Feet   | Aqua   |
| C80AM137S5EEM0005F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 5      | Feet   | Aqua   |
| C80AM137S5EEM0010F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 10     | Feet   | Aqua   |
| C80AM137S5EEM0015F | 4x LC to acclA/M | 50/125 µm     | OM4 (MM)   | 8           | 15     | Feet   | Aqua   |



# FIBER OPTIC SOLUTIONS

## Infinium™ High Density Enhanced Enclosure System

### M4 Drawer Face – Premium Solutions

The Infinium HD-E enclosures, a 2018 Cabling Installation & Maintenance Innovators Awards Silver Honoree, are the perfect solution for fiber networks in data centers and building networks. The high-density footprint accommodates up to 96 LC fibers in a 1U rack space. These enclosures have many innovative features designed with installers, contractors, and network professionals in mind – providing a simplified process when installing or working within the enclosures.

This enclosure features an M4 (Base 12) drawer face, accepting Legrand's HDFP adapter panels, M4 cassettes, and M4 splice cassettes. The drawer face can be removed and replaced with a LM8 (Base 8) drawer face for network upgrades or migrations after being installed within a rack.

#### Features:

- Single-person install and tool-less adjustments
- Internal LED lights and white tray for visibility
- Easy migration between Base 12 and Base 8
- Innovative Cable Management
- Max # of fibers per RU (SC) – **48** (LC) – **96**
- Max # of fibers per RU (12F MPO) – **384**
- Max # of fibers per RU (24F MPO) – **768**
- Cassettes/Adapter panels per RU – **4**

| PART NO.     | DESCRIPTION                                           |
|--------------|-------------------------------------------------------|
| INFC01U-M4-E | Infinium HD-E Rack Mount Enclosure 1U, M4 Drawer Face |
| INFC02U-M4-E | Infinium HD-E Rack Mount Enclosure 2U, M4 Drawer Face |
| INFC04U-M4-E | Infinium HD-E Rack Mount Enclosure 4U, M4 Drawer Face |



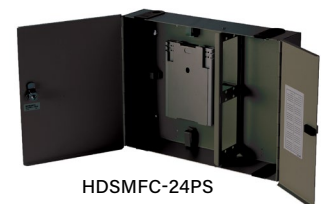
INFC02U-M4-E

### High Density Wall Mount Fiber Patch/Splice Enclosure – Premium Solutions

The High-Density Wall Mount Fiber Patch/Splice Enclosure system is designed to support high density LAN or POL applications in building networks. The all steel chassis enables reliable protection and management of fiber optic cable patching, splicing, and connecting. The enclosure also enables distribution of backbone cabling to active equipment, switching, or cross/interconnect horizontal area. The 4-panel footprint accommodates up to 96 LC fibers. Each enclosure is compatible with HDFP Adapter Panels, Fiber Splice Trays, and LM4/M4 Pre-terminated or Splice Cassettes.

#### Features:

- High Density: Accepts 8, 12, 16 or 24 fiber LM4 or M4 pre-terminated or splice cassettes, splice tray, and HDFP adapter panels
- Low-Profile Design: Providing unobtrusive protection and management of all enclosed cabling infrastructure
- Cable Management: Protect and safely route all sensitive fibers with the included cable management system, central strength member bracket, and bend limiters
- Cable Ingress and Egress: Four ingress or egress points with rubber grommets help to protect and route all connectivity infrastructure.



HDSMFC-24PS

| PART NO.       | DESCRIPTION                                                          | MAX FIBER COUNT | MAX LC PORT COUNT | MAX PANEL COUNT |
|----------------|----------------------------------------------------------------------|-----------------|-------------------|-----------------|
| HDSMFC-24PS-00 | High Density Wall Mount Fiber Patch/Splice Enclosure, 4 Panel, Black | 768             | 96                | 4               |

# FIBER OPTIC SOLUTIONS

## Infinium™ High Density Enhanced Enclosure System

### High-Density Fiber Patch Panel – Premium Solutions

Legrand® raised floor patch panels allow data center managers and designers to take advantage of under-utilized installation space beneath the raised floor structure, providing greater flexibility in structured cabling design and maximizing usage of premium data center floor space. Specifically designed to be installed in raised floor enclosures that are part of the cabling pathways, the raised floor fiber patch panels address the special bend radius and depth requirements of fiber optic cabling systems.

The raised floor patch panel is also often used with the Mighty Mo® overhead rack, found on page 136. The Mighty Mo overhead cable pathway racks provide cable management and an innovative mounting method for 19 in rack mount copper and fiber panels and enclosures. The overhead pathway racks allow horizontal connectivity to be supported by the overhead pathway, freeing up valuable rack or cabinet space below.

#### Features:

- Fiber patch panel for underfloor or overhead installation
- 19 in W, 1-unit or 2-unit high models available
- Designed for installation within 2 ft x 2ft underfloor box with angled mounting rails
- Removable/reusable labeling cards

#### Benefits

- Allows data center manager to take advantage of under-utilized space beneath raised floor or overhead
- Provides the flexibility to suit any installation
- Horizontal patch panel orientation
- Convenient and accurate cabling administration and record keeping that is easily removed to provide rear patching access

### High-Density Flush Mounting Fiber Patch Panel

| PART NO. | HEIGHT | ADAPTER COMPATIBILITY | CASSETTE COMPATIBILITY | CAPACITY | MAX FIBER COUNT (LC) |
|----------|--------|-----------------------|------------------------|----------|----------------------|
| RFPHD01U | 1 RU   | HDFP                  | LM4 / M4               | 4        | 96 Quad              |
| RFPHD02U | 2 RU   | HDFP                  | LM4 / M4               | 8        | 192 Quad             |



RFPHD02U

### High-Density Angled Mounting Fiber Patch Panel 45°

| PART NO.  | HEIGHT | ADAPTER COMPATIBILITY | CASSETTE COMPATIBILITY | CAPACITY | MAX FIBER COUNT (LC) |
|-----------|--------|-----------------------|------------------------|----------|----------------------|
| RFPAHD02U | 2 RU   | HDFP                  | LM4 / M4               | 8        | 192 Quad             |



RFPAHD02U

# FIBER OPTIC SOLUTIONS

Infinium™ High Density Enhanced Enclosure System

## High-Density Cable Manager

The high-density cable manager can be used behind the Mighty Mo® overhead cable pathway rack to manage excess slack. Includes: (1) 8pk of 1/4 round cable management spools (Makes (2) complete spools)

| PART NO. | DESCRIPTION                                                     |
|----------|-----------------------------------------------------------------|
| HDCM-001 | High Density Cable Manger, 1 RU - Black                         |
| 60401185 | Additional Fiber Spool Kit, (1) 8 Pack, makes 2 complete spools |



HDCM-001

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

## High-Density Angled Mounting Fiber Patch Panel 56°-60°

| PART NO.   | HEIGHT | ADAPTER<br>COMPATIBILITY | CASSETTE<br>COMPATIBILITY | CAPACITY | MAX FIBER<br>COUNT (LC) |
|------------|--------|--------------------------|---------------------------|----------|-------------------------|
| RFPAHD01UA | 1 RU   | HDFP                     | LM4 / M4                  | 4        | 96 Quad                 |



RFPAHD02UA

## Angled Stand-off Bracket Kit

Kit used with raised floor enclosure with 56°-60° mounting rails. These stand-off brackets may be needed to extend the mounting surface of the raised floor enclosure to accommodate the depth limitations of some 2 ft x 2 ft raised floor enclosures. Includes left and right bracket.

| PART NO. | DESCRIPTION                                                |
|----------|------------------------------------------------------------|
| 60400968 | Angled Stand-Off Bracket Kit (for Floor Enclosure) - Black |



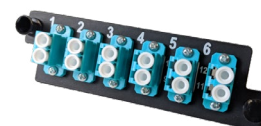
60400968



## HDFP Adapter Panel – Premium Solutions

Infinium HDFP Adapter Panels offer pass through connections and front-loading access. The compact design optimizes space and features fiber port labeling for easier identification. Compatible with Infinium HD-E Rack Mount Fiber Enclosure with M4 Drawer Face.

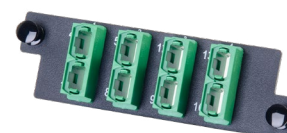
| PART NO.     | CONNECTOR STYLE | FIBER TYPE               | FIBER COUNT | COLOR  |
|--------------|-----------------|--------------------------|-------------|--------|
| HDFP-BLANK   | NA              | NA                       | NA          | Black  |
| HDFP-LCD08AC | LC Duplex       | OS2 (SM)                 | 8           | Blue   |
| HDFP-LCD08LC | LC Duplex       | OM3 / OM4 (MM)           | 8           | Aqua   |
| HDFP-LCD08QC | LC Duplex       | OM5 (MM)                 | 8           | Lime   |
| HDFP-LCD12AC | LC Duplex       | OS2 (SM)                 | 12          | Blue   |
| HDFP-LCD12CC | LC Duplex APC   | OS2 (SM)                 | 12          | Green  |
| HDFP-LCD12LC | LC Duplex       | OM3 / OM4 (MM)           | 12          | Aqua   |
| HDFP-LCD12QC | LC Duplex       | OM5 (MM)                 | 12          | Lime   |
| HDFP-LCD12MB | LC Duplex       | OM1 (MM)                 | 12          | Beige  |
| HDFP-LCQ16AC | LC Quad         | OS2 (SM)                 | 16          | Blue   |
| HDFP-LCQ16LC | LC Quad         | OM3 / OM4 (MM)           | 16          | Aqua   |
| HDFP-LCQ16QC | LC Quad         | OM5 (MM)                 | 16          | Lime   |
| HDFP-LCQ24AC | LC Quad         | OS2 (SM)                 | 24          | Blue   |
| HDFP-LCQ24BC | LC Quad         | OS2 (SM)                 | 24          | Orange |
| HDFP-LCQ24FC | LC Quad         | All                      | 24          | White  |
| HDFP-LCQ24GC | LC Quad         | OS2 (SM)                 | 24          | Red    |
| HDFP-LCQ24HC | LC Quad         | All                      | 24          | Black  |
| HDFP-LCQ24JC | LC Quad         | OM3 / OM4 (MM)           | 24          | Violet |
| HDFP-LCQ24LC | LC Quad         | OM3 / OM4 (MM)           | 24          | Aqua   |
| HDFP-LCQ24QC | LC Quad         | OM5 (MM)                 | 24          | Lime   |
| HDFP-LCQ24MB | LC Quad         | OM1 (MM)                 | 24          | Beige  |
| HDFP-MDC32AC | MDC             | OS2 (SM)                 | 32          | Blue   |
| HDFP-MDC32LC | MDC             | OM3/OM4 (MM)             | 32          | Aqua   |
| HDFP-MDC32QC | MDC             | OM5 (MM)                 | 32          | Lime   |
| HDFP-MPA72CA | (6) MPO         | OS2 (SM)                 | 72          | Green  |
| HDFP-MPA72FA | (6) MPO         | OM5 (MM)                 | 72          | White  |
| HDFP-MPA72LA | (6) MPO         | OM3 / OM4 (MM)           | 72          | Aqua   |
| HDFP-MPA72ED | (6) MPO         | All (TYPE B-Aligned key) | 72          | Gray   |
| HDFP-MPA72GA | (6) MPO         | All (24)                 | 144         | Red    |
| HDFP-MPA96CA | (8) MPO         | OS2 (SM)                 | 96          | Green  |
| HDFP-MPA96FA | (8) MPO         | OM5 (MM)                 | 96          | White  |
| HDFP-MPA96LA | (8) MPO         | OM3 / OM4 (MM)           | 96          | Aqua   |
| HDFP-SCD12AC | SC Duplex       | OS2 (SM)                 | 12          | Blue   |
| HDFP-SCD12CC | SC Duplex APC   | OS2 (SM)                 | 12          | Green  |
| HDFP-SCD12LC | SC Duplex       | OM3 / OM4 (MM)           | 12          | Aqua   |
| HDFP-SCD12QC | SC Duplex       | OM5 (MM)                 | 12          | Lime   |



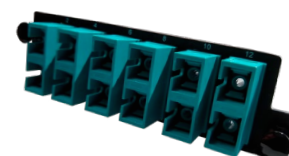
HDFP-LCD12LC



HDFP-LCQ24AC



HDFP-MPA96CA



HDFP-SCD12AC

## M4 Cassettes – Premium Solutions

Infinium M4 Cassettes are part of a complete fiber solution. When combined with matched Infinium Trunks and Infinium Patch Cable Assemblies the solution can enable industry leading pre-terminated performance and universal polarity for simple, fast and consistent and simplified installation. Compatible with Infinium HD-E Rack Mount Fiber Enclosure with M4 Drawer Face.

| ITEM NO.        | CONNECTOR STYLE (FR TO RR)      | FIBER TYPE | FIBER COUNT | TIER LEVEL | TOTAL INSERTION LOSS (MAX) | FRONT INSERTION LOSS (MAX) | REAR INSERTION LOSS (MAX) | RETURN LOSS (MIN) | POLARITY         |
|-----------------|---------------------------------|------------|-------------|------------|----------------------------|----------------------------|---------------------------|-------------------|------------------|
| LM4-LC12H-1A1UN | LC PC - MPO (M) PC              | OM4        | 12          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal        |
| LM4-LC24H-2A1UN | LC PC - MPO (M) PC              | OM4        | 24          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal        |
| LM4-LC24H-3C1UN | LC PC - 3 MPO(F) PC             | OM4        | 24          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal        |
| LM4-LC12J       | LC UPC - MPO (M) APC            | OS2        | 12          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal        |
| LM4-LC24J       | LC UPC - MPO (M) APC            | OS2        | 24          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal        |
| LM4-LC24J-3C1UN | LC UPC - 3 MPO(F) APC           | OS2        | 24          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal        |
| LM4-LA24J-3C1UN | LC APC - 3 MPO(F) APC           | OS2        | 24          | Core       | 1.15dB                     | 0.40dB                     | 0.75dB                    | 54.6dB            | Universal        |
| LM4-LC24H-3C3UN | LC PC - 3 MPO(F) PC             | OM4        | 24          | Ultra      | 0.50dB                     | 0.15dB                     | 0.35dB                    | 19dB              | Universal        |
| LM4-LA12J-1A2UN | LC APC - MPO (M) APC            | OS2        | 12          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 54.6dB            | Universal        |
| LM4-LC12J-1A2UN | LC UPC - MPO (M) APC            | OS2        | 12          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal        |
| LM4-LC24J-2A2UN | LC UPC - MPO (M) APC            | OS2        | 24          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal        |
| LM4-LC24J-1A2H1 | LC UPC - MPO 24F (M) APC        | OS2        | 24          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | 100GbE to 10GbE* |
| LM4-LC12H       | LC PC - MPO (M) PC              | OM4        | 12          | Ultra      | 0.50dB                     | 0.15dB                     | 0.35dB                    | 19dB              | Universal        |
| LM4-LC24H       | LC PC - MPO (M) PC              | OM4        | 24          | Ultra      | 0.50dB                     | 0.15dB                     | 0.35dB                    | 19dB              | Universal        |
| LM4-LA24J-3C2UN | LC APC - 3 MPO(F) APC           | OS2        | 24          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 54.6dB            | Universal        |
| LM4-LC24J-3C2UN | LC UPC - 3 MPO(F) APC           | OS2        | 24          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal        |
| LM4-LC24J-1A3H1 | LC UPC - MPO 24F (M) APC        | OS2        | 24          | Quantum    | 0.375dB                    | 0.14dB                     | 0.235dB                   | 52dB              | 100GbE to 10GbE* |
| LM4-LC12H-1A4UN | LC PC - MPO (M) APC             | OM4        | 12          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal        |
| LM4-LC24H-2A4UN | LC PC - MPO (M) APC             | OM4        | 24          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal        |
| LM4-LC12W       | LC PC - MPO (M) APC             | OM5        | 12          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal        |
| LM4-LC24W       | LC PC - MPO (M) APC             | OM5        | 24          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal        |
| LM4-LC12J-1A3UN | LC UPC - MPO (M) APC            | OS2        | 12          | Quantum    | 0.375dB                    | 0.14dB                     | 0.235dB                   | 52dB              | Universal        |
| LM4-LC24J-2A3UN | LC UPC - MPO (M) APC            | OS2        | 24          | Quantum    | 0.375dB                    | 0.14dB                     | 0.235dB                   | 52dB              | Universal        |
| M4MAE24-09A2K1  | (3)MPO (M) APC - (2)MPO (M) APC | OS2        | 24          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 52dB              | 40GbE to 100GbE* |
| M4MAE24-09B2K1  | (3)MPO (M) APC - (1)MPO (M) APC | OS2        | 24          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 52dB              | 40GbE to 100GbE* |
| M4MAE24-50EB3K1 | (3)MPO (M) PC - (1)MPO (M) PC   | OM4        | 24          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 17dB              | 40GbE to 100GbE* |
| M4MAE24-50EA3K1 | (3)MPO (M) PC - (2)MPO (M) PC   | OM4        | 24          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 17dB              | 40GbE to 100GbE* |
| M4MAE48-50EA3K1 | (6)MPO (M) PC - (4)MPO (M) PC   | OM4        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 17dB              | 40GbE to 100GbE* |
| M4MAE48-50EB3K1 | (6)MPO (M) PC - (2)MPO (M) PC   | OM4        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 17dB              | 40GbE to 100GbE* |
| M4MBE48-50EA3K1 | (6)MPO(F) PC - (4)MPO(M) PC     | OM4        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 17dB              | 40GbE to 100GbE* |
| M4MAE48-09A2K1  | (6)MPO (M) APC - (4)MPO (M) APC | OS2        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 52dB              | 40GbE to 100GbE* |
| M4MBE48-09B2K1  | (6)MPO (M) APC - (2)MPO (M) APC | OS2        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 52dB              | 40GbE to 100GbE* |
| M4MAE48-09B2K1  | (6)MPO (F) APC - (2)MPO (M) APC | OS2        | 48          | Ultra      | 0.70dB                     | 0.35dB                     | 0.35dB                    | 52dB              | 40GbE to 100GbE* |
| M4MAE24-09A3K1  | (3)MPO (M) APC - (2)MPO (M) APC | OS2        | 24          | Quantum    | 0.47dB                     | 0.235dB                    | 0.235dB                   | 52dB              | 40GbE to 100GbE* |
| M4MAE24-09B3K1  | (3)MPO (M) APC - (1)MPO (M) APC | OS2        | 24          | Quantum    | 0.47dB                     | 0.235dB                    | 0.235dB                   | 52dB              | 40GbE to 100GbE* |
| M4MAE24-50WB4K1 | (3)MPO (M) APC - (1)MPO (M) APC | OM5        | 24          | Quantum    | 0.50dB                     | 0.25dB                     | 0.25dB                    | 37dB              | 40GbE to 100GbE* |
| M4MAE24-50WA4K1 | (3)MPO (M) APC - (2)MPO (M) APC | OM5        | 24          | Quantum    | 0.50dB                     | 0.25dB                     | 0.25dB                    | 37dB              | 40GbE to 100GbE* |
| M4MAE48-50WA4K1 | (6)MPO (M) APC - (4)MPO (M) APC | OM5        | 48          | Quantum    | 0.50dB                     | 0.25dB                     | 0.25dB                    | 37dB              | 40GbE to 100GbE* |
| M4MAE48-50WB4K1 | (6)MPO (M) APC - (2)MPO (M) APC | OM5        | 48          | Quantum    | 0.50dB                     | 0.25dB                     | 0.25dB                    | 37dB              | 40GbE to 100GbE* |
| M4MBE48-50WA4K1 | (6)MPO (F) APC - (4)MPO (M) APC | OM5        | 48          | Quantum    | 0.50dB                     | 0.25dB                     | 0.25dB                    | 37dB              | 40GbE to 100GbE* |
| M4MAE48-09A3K1  | (6)MPO (M) APC - (4)MPO (M) APC | OS2        | 48          | Quantum    | 0.47dB                     | 0.235dB                    | 0.235dB                   | 52dB              | 40GbE to 100GbE* |
| M4MAE48-09B3K1  | (6)MPO (M) APC - (2)MPO (M) APC | OS2        | 48          | Quantum    | 0.47dB                     | 0.235dB                    | 0.235dB                   | 52dB              | 40GbE to 100GbE* |
| M4MBE48-09B3K1  | (6)MPO (F) APC - (2)MPO (M) APC | OS2        | 48          | Quantum    | 0.47dB                     | 0.235dB                    | 0.235dB                   | 52dB              | 40GbE to 100GbE* |

TABLE OF CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL SUPPORT

CABLOFIL

INDEX

## M4 Splice Cassettes – Premium Solutions

Infinium M4 Splice Cassettes enable industry leading performance, fast field termination, and provide cable management within the housing. The Splice Cassettes are designed for use with Single-Mode (OS2) or Multimode (OM4/OM5) Fiber, Houses 12-24 fibers and are available in LC Duplex or LC Quad port configurations. Compatible with Infinium HD-E Rack Mount Fiber Enclosure with M4 Drawer Face.



M4LCD12-09S1A1



M4LCQ24-50ER3A1



M4LAQ24-09R3A1

| ITEM NO.        | CONNECTOR STYLE | FIBER TYPE | FIBER COUNT | TIER LEVEL | CONNECTOR INSERTION LOSS (MAX) | CONNECTOR RETURN LOSS (MIN) | SPLICETYPE   |
|-----------------|-----------------|------------|-------------|------------|--------------------------------|-----------------------------|--------------|
| M4LCD12-09S1A1  | LC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M4LCQ24-09R1A1  | LC UPC          | OS2        | 24          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M4LAD12-09S1A1  | LC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M4LAQ24-09R1A1  | LC APC          | OS2        | 24          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M4SCD12-09S1A1  | SC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M4SAD12-09S1A1  | SC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M4LAD12-09R1A1  | LC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M4LAQ24-09S1A1  | LC APC          | OS2        | 24          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M4LCD12-09R1A1  | LC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M4LCD12-50ER1A1 | LC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Ribbon Fiber |
| M4LCQ24-09S1A1  | LC UPC          | OS2        | 24          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M4LCQ24-50ES1A1 | LC PC           | OM4        | 24          | Core       | 0.50dB                         | 26dB                        | Single Fiber |
| M4SAD12-09R1A1  | SC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M4SCD12-09R1A1  | SC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M4SCD12-50ER1A1 | SC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Ribbon Fiber |
| M4LCD12-50ES3A1 | LC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M4LCQ24-50ER3A1 | LC PC           | OM4        | 24          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |
| M4SCD12-50ES3A1 | SC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M4LCD12-50ER3A1 | LC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |
| M4LCQ24-50ES3A1 | LC PC           | OM4        | 24          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M4SCD12-50ER3A1 | SC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |
| M4LCD12-09R2A1  | LC UPC          | OS2        | 12          | Ultra      | 0.25dB                         | 55dB                        | Ribbon Fiber |
| M4LCD12-09S2A1  | LC UPC          | OS2        | 12          | Ultra      | 0.25dB                         | 55dB                        | Single Fiber |
| M4LCQ24-09R2A1  | LC UPC          | OS2        | 24          | Ultra      | 0.25dB                         | 55dB                        | Ribbon Fiber |
| M4LCQ24-09S2A1  | LC UPC          | OS2        | 24          | Ultra      | 0.25dB                         | 55dB                        | Single Fiber |
| M4LCD12-50ER4A1 | LC PC           | OM4        | 12          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4LCD12-50ES4A1 | LC PC           | OM4        | 12          | Quantum    | 0.10dB                         | 40dB                        | Single Fiber |
| M4LCD12-50WR4A1 | LC PC           | OM5        | 12          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4LCD12-50WS4A1 | LC PC           | OM5        | 12          | Quantum    | 0.10dB                         | 40dB                        | Single Fiber |
| M4LCQ24-50ER4A1 | LC PC           | OM4        | 24          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4LCQ24-50ES4A1 | LC PC           | OM4        | 24          | Quantum    | 0.10dB                         | 40dB                        | Single Fiber |
| M4LCQ24-50WR4A1 | LC PC           | OM5        | 24          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4LCQ24-50WS4A1 | LC PC           | OM5        | 24          | Quantum    | 0.10dB                         | 40dB                        | Single Fiber |
| M4SCD12-50ER4A1 | SC PC           | OM4        | 12          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4SCD12-50WR4A1 | SC PC           | OM5        | 12          | Quantum    | 0.10dB                         | 40dB                        | Ribbon Fiber |
| M4LCD12-09R3A1  | LC PC           | OS2        | 12          | Quantum    | 0.14dB                         | 55dB                        | Ribbon Fiber |
| M4LCD12-09S3A1  | LC PC           | OS2        | 12          | Quantum    | 0.14dB                         | 55dB                        | Single Fiber |
| M4LCQ24-09S3A1  | LC PC           | OS2        | 24          | Quantum    | 0.14dB                         | 55dB                        | Single Fiber |
| M4LCQ24-09R3A1  | LC PC           | OS2        | 24          | Quantum    | 0.14dB                         | 55dB                        | Ribbon Fiber |

# FIBER OPTIC SOLUTIONS

## Infinium™ High Density Enclosure System

### LM8 Drawer Face (Base 8) – Premium Solutions

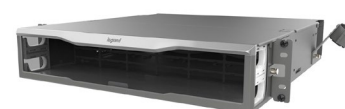
The Infinium High Density (HD) enclosures, a 2018 Cabling Installation & Maintenance Innovators Awards Silver Honoree, are the perfect solution for fiber networks in data centers and building networks. The high-density footprint accommodates up to 96 LC fibers in a 1U rack space. These enclosures have many innovative features designed with installers, contractors, and network professionals in mind—providing a simplified process when installing or working within the enclosures. This enclosure features an LM8 (Base 8) drawer face, accepting Legrand's HD8FP adapter panels and LM8 cassettes. The drawer face can be removed and replaced with a M4 (Base 12) drawer face for migrations after being installed into the rack.

#### Features:

- Single-person install and tool-less adjustments
- Internal LED lights and white tray for visibility
- Easy migration between Base 8 and Base 12
- Innovative Cable Management
- Max # of fibers per RU (LC) – **96**
- Max # of fibers per RU (8F MPO) – **384**
- Cassettes/Adapter panels per RU – **12**

### Infinium HD Enclosure – LM8 – Premium Solutions

| PART NO.     | DESCRIPTION                                          |
|--------------|------------------------------------------------------|
| INFC01U-M8-E | Infinium HD Rack Mount Enclosure 1U, LM8 Drawer Face |
| INFC02U-M8-E | Infinium HD Rack Mount Enclosure 2U, LM8 Drawer Face |
| INFC04U-M8-E | Infinium HD Rack Mount Enclosure 4U, LM8 Drawer Face |



INFC02U-M8-E

# FIBER OPTIC SOLUTIONS

Infinium™ High Density Enclosure System

## HD8FP Adapters for Base-8 Applications – Premium Solutions

Infinium HD8FP Adapter Panels offer pass through connections and front-loading access for base 8 applications. Compatible with Infinium HD Rack Mount Fiber Enclosure with LM8 Drawer Face.

| PART NO.      | CONNECTOR STYLE | FIBER TYPE                 | FIBER COUNT | COLOR |
|---------------|-----------------|----------------------------|-------------|-------|
| HD8FP-LCQ08AC | LC              | OS2                        | 8           | Blue  |
| HD8FP-LCQ08CC | LC APC          | OS2                        | 8           | Green |
| HD8FP-LCQ08LC | LC              | OM3/OM4                    | 8           | Aqua  |
| HD8FP-LCQ08QC | LC              | OM5                        | 8           | Lime  |
| HD8FP-MPANAAA | MPO             | OS2                        | 32          | Blue  |
| HD8FP-MPANACA | MPO APC         | OS2                        | 32          | Green |
| HD8FP-MPANAED | MPO             | All (Type B – Aligned Key) | 32          | Gray  |
| HD8FP-MPANAFD | MPO APC         | OM5                        | 32          | White |
| HD8FP-MPANALA | MPO             | OM3/OM4                    | 32          | Aqua  |
| HD8FP-MPANAMA | MPO             | OM1                        | 32          | Beige |



HD8FP-LCQ08LC

## LM8 Cassettes for Base-8 Applications – Premium Solutions

Infinium LM8 Cassettes are designed to enable Base 8 architecture and be part of a complete fiber solution. When combined with matched Infinium Trunks and Infinium Patch Cable Assemblies the solution enables industry leading pre-terminated performance and universal polarity for simple, fast and consistent and simplified installation. Compatible with Infinium HD Rack Mount Fiber Enclosure with LM8 Drawer Face.



LM8-LC08H

| PART NO.        | CCONNECTOR STYLE (FRONT-TO-REAR) | FIBER TYPE | FIBER COUNT | TIER LEVEL | INSERTION LOSS (MAX) | FRONT INSERTION LOSS (MAX) | REAR INSERTION LOSS (MAX) | RETURN LOSS (MIN) | POLARITY  |
|-----------------|----------------------------------|------------|-------------|------------|----------------------|----------------------------|---------------------------|-------------------|-----------|
| LM8-LC08H-1C1UN | MPO (F) PC - LC PC               | OM4        | 8           | Core       | 1.25dB               | 0.50dB                     | 0.75dB                    | 19dB              | Universal |
| LM8-LA08J       | MPO (F) APC - LC APC             | OS2        | 8           | Core       | 1.15dB               | 0.40dB                     | 0.75dB                    | 54.6dB            | Universal |
| LM8-LC08J       | MPO (F) APC - LC UPC             | OS2        | 8           | Core       | 1.05dB               | 0.30dB                     | 0.75dB                    | 52dB              | Universal |
| LM8-LC08H       | MPO (F) PC - LC PC               | OM4        | 8           | Ultra      | 0.50dB               | 0.15dB                     | 0.35dB                    | 19dB              | Universal |
| LM8-LC08J-1C2UN | MPO (F) APC - LC UPC             | OS2        | 8           | Ultra      | 0.60dB               | 0.25dB                     | 0.35dB                    | 52dB              | Universal |
| LM8-LC08H-1C4UN | MPO (F) APC - LC PC              | OM4        | 8           | Quantum    | 0.35dB               | 0.10dB                     | 0.25dB                    | 37dB              | Universal |
| LM8-LC08J-1C3UN | MPO (F) APC - LC UPC             | OS2        | 8           | Quantum    | 0.375dB              | 0.14dB                     | 0.235dB                   | 52dB              | Universal |
| LM8-LC08W       | MPO (F) APC - LC PC              | OM5        | 8           | Quantum    | 0.35dB               | 0.10dB                     | 0.25dB                    | 37dB              | Universal |

# FIBER OPTIC SOLUTIONS

## Infinium™ High Density Enclosure System

### Infinium Access™, Ultra-High Density + (UHD+) Rack-Mount Fiber Enclosure -

features industry leading access and visibility to install, manage, and maintain within extreme density, making it perfect for ultra-dense fiber patching applications. The 1RU patented enclosure drawer release, spring loaded top cover, and cable management in the front and rear of the enclosure enable unprecedented access to fiber cabling. The Infinium Access enclosure utilizes Quad MDC to acclA/M conversion adapters which simplify design, reduce labor, minimize loss, and maximize lifecycle.

#### Features & Benefits

**Enclosure Release Button:** The enclosure drawer slides forward up to 10 inches, clearing the plain of equipment, enabling unprecedented access to the fibers and cassettes.

**Spring Loaded Top Cover:** The enclosure drawer opens, slides forward, and the top cover raises automatically after buttons on both sides of the cover are pressed, enabling tremendous access to the front patch cables.

**Over-Under:** The Infinium Access Enclosure has an opening in the bottom. This innovative design along with the open enclosure ceiling allows the tech to remove the rear acclA/M connectors from the top or the bottom of the enclosure.

**Splice Options:** If splicing is preferred or needed, the Infinium Access can accommodate two 144 fiber splice trays mounted in the back of the enclosure.

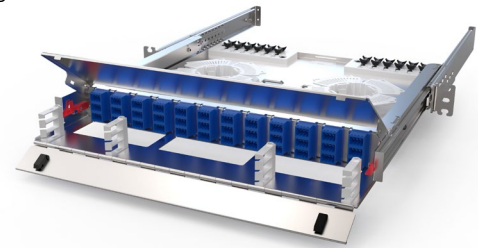
**Infinium acclA/M Connectivity:** minimize loss, longer lifecycle, simplify design, reduce labor.

#### Density

Maximum Fibers per Rack Unit: 288

Maximum VSFF (MDC or SN) Connectors per Rack Unit: 144

Maximum acclA/M Connectors per Rack Unit: 36



| PART NO.         | DESCRIPTION                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| ACCESS-01U-UM    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - Unloaded                                                                |
| ACCESS-01U-MA    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - 4 Duplex MDC to acclA/M Conversion Adapter (288 Fiber), OS2 Single-Mode |
| ACCESS-01U-ML    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - 4 Duplex MDC to acclA/M Conversion Adapter (288 Fiber), OM4 Multimode   |
| ACCESS-01U-MQ    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - 4 Duplex MDC to acclA/M Conversion Adapter (288 Fiber), OM5 Multimode   |
| ACCESS-01U-AA    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - acclA/M to acclA/M Adapter (288 Fiber), OS2 Single-Mode                 |
| ACCESS-01U-AL    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - acclA/M to acclA/M Adapter (288 Fiber), OM4 Multimode                   |
| ACCESS-01U-AQ    | Infinium Access, 1 Rack Unit (RU), Rack Mount Fiber Enclosure - acclA/M to acclA/M Adapter (288 Fiber), OM5 Multimode                   |
| 205ANM08T-A      | Infinium Access, 4 Duplex MDC to acclA/M, OS2 Single-Mode, Conversion Adapter - 3 Pack, Blue                                            |
| 205ANM08T-L      | Infinium Access, 4 Duplex MDC to acclA/M, OM4 Multimode, Conversion Adapter - 3 Pack, Aqua                                              |
| 205ANM08T-Q      | Infinium Access, 4 Duplex MDC to acclA/M, OM5 Multimode, Conversion Adapter - 3 Pack, Lime                                              |
| 205ANA08T-A      | Infinium Access, acclA/M to acclA/M, OS2 Single-Mode, Adapter - 3 Pack, Blue                                                            |
| 205ANA08T-L      | Infinium Access, acclA/M to acclA/M, OM4 Multimode, Adapter - 3 Pack, Aqua                                                              |
| 205ANA08T-Q      | Infinium Access, acclA/M to acclA/M, OM5 Multimode, Adapter - 3 Pack, Lime                                                              |
| HILOC-CRADLE-KIT | HiLOC Cradle Kit - 6 Pack                                                                                                               |



# FIBER OPTIC SOLUTIONS

Infinium 384 - Ultra High Density, MDC Adapter, 1U Rack Mount Fiber Panel

## Infinium 384 - UHD MDC 1U Panel

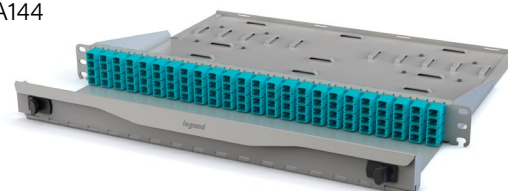
Offers ultra-high density Mini Duplex Connector (MDC) pass-through adapters which are organized to maximize fiber density while using the flexible and robust MDC connectors. These 1RU panels offer a density of 384 fibers (192 MDC Connectors) in a single unit of rack space. These panels have a front door to provide a clean look and to help protect the delicate cables. The rear support plate comes with two Multi-Use Mounting plates that feature eight HiLOC cradles. For cable management both the front and rear of the panel have several tiedown points to ensure proper routing, protection and a clean look for the fiber cables housed within the panel. The construction of the panel is powder-coated steel and is designed for optimal performance.

### Features:

- **Panel Door:** These panels have a front door to provide a clean look and to help protect the delicate cables
- **Cable Management Front:** Four individual tie downs provide proper routing and protection of cables. While the front pillars ensure that cables do not pass the side egress point
- **Cable Management Rear:** The rear support plate come with two Multi-Use Mounting plates that feature eight HiLOC cradles for quick and easy secure trunk mounting. While the rear support plate has 22 tie down points and 4 rear lip tie downs to maximize cable management and ensure proper routing
- **Splicing:** The rear support plate also offers compatibility with the FST3-A144 splice tray, enabling ribbon splicing on this panel

### Density

Max # of fibers per RU - 384F (192 MDC)



| PART NO.   | DESCRIPTION                                                                        |
|------------|------------------------------------------------------------------------------------|
| PMDC-01U-A | Infinium 384, Ultra-High Density 1U MDC Rack Mount Fiber Panel - Blue MDC Adapters |
| PMDC-01U-L | Infinium 384, Ultra-High Density 1U MDC Rack Mount Fiber Panel - Aqua MDC Adapters |

# FIBER OPTIC SOLUTIONS

## Unloaded Modular Panel Systems

### Modular Panel Systems

These modular panels support rear loading of HDFM adapter panels, HDJ adapters and LMH cassettes. Available in 24, 48 or 72 port, in a black or white finish, and in high or standard density, these panels include a rear cable management bar with straps to support a clean and organized look. The construction of the panel is powder-coated steel and is designed for optimal performance. Customize these panels for each application with support for mixed media applications for copper and fiber, and even add individual 40/100G uplinks.

#### Features:

- Flat and angled configurations
- Supports mixed media applications
- Max # of fibers per RU (SC) – **48**
- Max # of fibers per RU (LC) – **96**
- Max # of fibers per RU (12F MPO) – **576**
- Max # of fibers per RU (24F MPO) – **1,152**

### Unloaded Modular HD Panels (Mixed Media)

– Premium Solutions

| FLAT            |            | ANGLED   |            | DESCRIPTION                           |
|-----------------|------------|----------|------------|---------------------------------------|
| Black           | White      | Black    | White      |                                       |
| <b>PART NO.</b> |            |          |            |                                       |
| PHDHJU24        | PHDHJU24-W | PHAHJU24 | PHAHJU24-W | HDJ Series 24 Port Unloaded Panel, 1U |
| PHDHJU48        | PHDHJU48-W | PHAHJU48 | PHAHJU48-W | HDJ Series 48 Port Unloaded Panel, 1U |
| PHDHJU72        | PHDHJU72-W | PHAHJU72 | PHAHJU72-W | HDJ Series 72 Port Unloaded Panel, 2U |



PHAHJU24-W

### Unloaded Modular HD Panels (Fiber Only) – Premium Solutions

| FLAT     |  | ANGLED   | DESCRIPTION                                                       |
|----------|--|----------|-------------------------------------------------------------------|
| PART NO. |  |          |                                                                   |
| PHDFMU48 |  | PHAFMU48 | HDJ Series 48 Port Unloaded Panel with Labeling, 1U               |
| HDCM001  |  | -        | Fiber Rear Cable Management Tray, 1RU, Management Spools Included |



PHDFMU48

# FIBER OPTIC SOLUTIONS

## Unloaded Modular Panel Systems

### Unloaded Modular SD Panels – Premium Solutions

| Black    | White      |                                     |
|----------|------------|-------------------------------------|
| PART NO. |            | DESCRIPTION                         |
| PSDHJU48 | PSDHJU48-W | Standard Density Unloaded Panel, 2U |



PSDHJU48

### HDJ Workstation Face Plates – Premium Solutions

HDJ wall plates are supplied with labeling fields and mounting hardware. Accepts rear-loading HDJ series jacks or modules. Works with HDFM fiber modules.

| PART NO.     | DESCRIPTION                              |
|--------------|------------------------------------------|
| 403HDJ11-XX  | 1-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ12-XX  | 2-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ13-XX  | 3-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ14-XX  | 4-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ16-XX  | 6-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ212-XX | 12-Port Face Plate, HDJ Jack, Dual-Gang  |



403HDJ12

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Gray), 88 (White), 99\* (Wiremold Ivory).

\* MOQ required, contact customer service.

### HDJ Workstation Surface Mount Boxes – Premium Solutions

Compatible with HDJ series jacks and modules. Label field, screws and double-sided adhesive tape are included for mounting onto almost any surface.

| PART NO.   | DESCRIPTION                                        |
|------------|----------------------------------------------------|
| 404HDJ1-XX | 1-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ2-XX | 2-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ4-99 | 4-Port HDJ Plastic Surface Mount Box, Ivory        |
| 404HDJ4-XX | 4-Port HDJ Plastic Surface Mount Box               |
| 404HDJ6-XX | 6-Port HDJ Plastic Surface Mount Box               |



404HDJ1

NOTE: Includes snap-in label fields.

Remove -XX for Fog White, for other colors, replace XX with 88 (White).

## Inserts and Adapter Panels – Premium Solutions

Infinium HDFM Adapter Panels offer pass through connections and rear-loading access for Infinium High Density or HDJ modular panels.

| ITEM NO.        | CONNECTOR STYLE | FIBER TYPE                 | FIBER COUNT | COLOR  | PACK COUNT |
|-----------------|-----------------|----------------------------|-------------|--------|------------|
| HDFM-FLC2CA-00  | LC              | OS2                        | 2           | Blue   | 1          |
| HDFM25FLC2CA-00 | LC              | OS2                        | 2           | Blue   | 25         |
| HDFM-FLC2CC-00  | LC APC          | OS2                        | 2           | Green  | 1          |
| HDFM25FLC2CC-00 | LC APC          | OS2                        | 2           | Green  | 25         |
| HDFM-FLC2CM-00  | LC              | OM1                        | 2           | Beige  | 1          |
| HDFM-FLC2CL-00  | LC              | OM3/OM4                    | 2           | Aqua   | 1          |
| HDFM-FLC2CQ-00  | LC              | OM5                        | 2           | Lime   | 1          |
| HDFM25FLC2CL-00 | LC              | OM3/OM4                    | 2           | Aqua   | 25         |
| HDFM25FLC2CQ-00 | LC              | OM5                        | 2           | Lime   | 25         |
| HDFM-FLC2CB-00  | LC              | All                        | 2           | Orange | 1          |
| HDFM25FLC2CB-00 | LC              | All                        | 2           | Orange | 25         |
| HDFM-FLC2CF-00  | LC              | All                        | 2           | White  | 1          |
| HDFM25FLC2CF-00 | LC              | All                        | 2           | White  | 25         |
| HDFM-FLC2CG-00  | LC              | All                        | 2           | Red    | 1          |
| HDFM25FLC2CG-00 | LC              | All                        | 2           | Red    | 25         |
| HDFM-FLC2CH-00  | LC              | All                        | 2           | Black  | 1          |
| HDFM25FLC2CH-00 | LC              | All                        | 2           | Black  | 25         |
| HDFM-FLC2CI-00  | LC              | All                        | 2           | Yellow | 1          |
| HDFM25FLC2CI-00 | LC              | All                        | 2           | Yellow | 25         |
| HD6FM-FLC2CA-00 | LC              | OS2                        | 12          | Blue   | 1          |
| HD6FM-FLC2CC-00 | LC APC          | OS2                        | 12          | Green  | 1          |
| HD6FM-FLC2CM-00 | LC              | OM1                        | 12          | Beige  | 1          |
| HD6FM-FLC2CL-00 | LC              | OM3/OM4                    | 12          | Aqua   | 1          |
| HD6FM-FLC2CQ-00 | LC              | OM5                        | 12          | Lime   | 1          |
| HDFM-FSC1CA-00  | SC              | OS2                        | 1           | Blue   | 1          |
| HDFM-FSC1CC-00  | SC APC          | OS2                        | 1           | Green  | 1          |
| HDFM-FSC1CM-00  | SC              | OM1                        | 1           | Beige  | 1          |
| HDFM-FSC1CL-00  | SC              | OM3/OM4                    | 1           | Aqua   | 1          |
| HDFM-FSC1CG-00  | SC              | All                        | 1           | Red    | 1          |
| HDFM-FSC1CI-00  | SC              | All                        | 1           | Yellow | 1          |
| HD6FM-FSC1CA-00 | SC              | OS2                        | 6           | Blue   | 1          |
| HD6FM-FSC1CC-00 | SC APC          | OS2                        | 6           | Green  | 1          |
| HD6FM-FSC1CM-00 | SC              | OM1                        | 6           | Beige  | 1          |
| HD6FM-FSC1CL-00 | SC              | OM3/OM4                    | 6           | Aqua   | 1          |
| HDFM-FMTZNA-00  | MPO             | OS2                        | 12          | Blue   | 1          |
| HDFM25FMTZNA-00 | MPO             | OS2                        | 12          | Blue   | 25         |
| HDFM-FMTZNC-00  | MPO             | OS2                        | 12          | Green  | 1          |
| HDFM-FMTZNF-00  | MPO             | OM5                        | 12          | White  | 1          |
| HDFM25FMTZNF-00 | MPO             | OM5                        | 12          | White  | 25         |
| HDFM-FMTZNM-00  | MPO             | OM1                        | 12          | Beige  | 1          |
| HDFM-FMTZNL-00  | MPO             | OM3/OM4                    | 12          | Aqua   | 1          |
| HDFM-FMTZNN-00  | MPO             | OM4+                       | 12          | Violet | 1          |
| HD6FM-FMPZAA-00 | MPO             | OS2                        | 72          | Blue   | 1          |
| HD6FM-FMPZAC-00 | MPO             | OS2                        | 72          | Green  | 1          |
| HD6FM-FMPZAF-00 | MPO             | OM5                        | 72          | White  | 1          |
| HD6FM-FMPZAM-00 | MPO             | OM1                        | 72          | Beige  | 1          |
| HD6FM-FMPZAL-00 | MPO             | OM3/OM4                    | 72          | Aqua   | 1          |
| HDFM-FMTZNH-00  | MPO             | All                        | 12          | Black  | 1          |
| HDFM-FMTZNG-00  | MPO             | All (24)                   | 24          | Red    | 1          |
| HDFM-FMTZNE-00  | MPO             | All (Type B – Aligned Key) | 12          | Gray   | 1          |
| HD6FM-FMPZDE-00 | MPO             | All (Type B – Aligned Key) | 72          | Gray   | 1          |

# FIBER OPTIC SOLUTIONS

## Unloaded Modular Panel Systems

### LMH Cassettes – Premium Solutions

Infinium LMH Cassettes are part of a complete fiber solution. When combined with matched Infinium Trunks and Infinium Patch Cable Assemblies the solution enables industry leading pre-terminated performance and universal polarity for simple, fast and consistent and simplified installation. Compatible with Infinium High Density or HDJ Modular Panels.



LMH-LC12H-1A4UN

| ITEM NO.        | CONNECTOR STYLE (FRONT-TO-REAR) | FIBER TYPE | FIBER COUNT | TIER LEVEL | TOTAL INSERTION LOSS (MAX) | FRONT INSERTION LOSS (MAX) | REAR INSERTION LOSS (MAX) | RETURN LOSS (MIN) | POLARITY  |
|-----------------|---------------------------------|------------|-------------|------------|----------------------------|----------------------------|---------------------------|-------------------|-----------|
| LMH-LC08H-1C1UN | LC PC – MPO (F) PC              | OM4        | 8           | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal |
| LMH-LC12H-1A1UN | LC PC – MPO (M) PC              | OM4        | 12          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal |
| LMH-LC08J       | LC UPC – MPO (F) APC            | OS2        | 8           | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal |
| LMH-LC12J       | LC UPC – MPO (M) APC            | OS2        | 12          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal |
| LMH-LC08H       | LC PC – MPO (F) PC              | OM4        | 8           | Ultra      | 0.50dB                     | 0.15dB                     | 0.35dB                    | 19dB              | Universal |
| LMH-LC12H       | LC PC – MPO (M) PC              | OM4        | 12          | Ultra      | 0.50dB                     | 0.15dB                     | 0.35dB                    | 19dB              | Universal |
| LMH-LA08J-1C2UN | LC APC – MPO (F) APC            | OS2        | 8           | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 54.6dB            | Universal |
| LMH-LC08J-1C2UN | LC UPC – MPO (F) APC            | OS2        | 8           | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal |
| LMH-LC12J-1A2UN | LC UPC – MPO (M) APC            | OS2        | 12          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal |
| LMH-LC12H-1A4UN | LC PC – MPO (M) APC             | OM4        | 12          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal |
| LMH-LC08H-1C4UN | LC PC – MPO (F) APC             | OM4        | 8           | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal |
| LMH-LC08W       | LC PC – MPO (F) APC             | OM5        | 8           | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal |
| LMH-LC12W       | LC PC – MPO (M) APC             | OM5        | 12          | Quantum    | 0.35dB                     | 0.10dB                     | 0.25dB                    | 37dB              | Universal |
| LMH-LC12J-1A3UN | LC UPC – MPO (M) APC            | OS2        | 12          | Quantum    | 0.375dB                    | 0.14dB                     | 0.235dB                   | 52dB              | Universal |

# FIBER OPTIC SOLUTIONS

## Q-Series Enclosure Systems

### Q-Series High Density (HD) Enclosure Systems – Standard Solutions

Legrand's Q-Series HD Fiber Enclosure delivers superior network performance, with various densities and connector options for maximum compatibility. The enclosure's unique modular fiber solution is engineered with installation efficiency, and performance in mind, providing proper fiber optic cable management, protection and organization for fiber patch cords, trunks, splices, and connectors. This enclosure is compatible with all pre-terminated LM4 MPO cassettes, M4 Splice Cassettes, and splice trays (FST2-F012 or FST3-F048), HDFS adapter panels, and coordinated trunks, providing the flexibility to design and install in any application.

| Rack Units | Max LC Fiber Count | Max VSFF Fiber Count | Max Cassette or Panel Count | Standard Item Number |
|------------|--------------------|----------------------|-----------------------------|----------------------|
| 1          | 96                 | 192                  | 4                           | EQ01U-KHC            |
| 2          | 192                | 384                  | 8                           | EQ02U-KHC            |
| 4          | 384                | 768                  | 16                          | EQ04U-KHC            |



EQ01U-KHC



EQ02U-KHC



EQ04U-KHC

### Q-Series Standard Density (SD) Enclosure Systems – Standard Solutions

The Q-Series fiber enclosure system is designed to support standard density applications in building networks. Accepts OFP adapter panels, M2 cassettes, M2 splice cassettes, and splice trays (FST2-F012 or FST3-F048).

| Rack Units | Max SC Fiber Count | Max LC Fiber Count | Max 12F MPO Fiber Count | Max 24F MPO Fiber Count | Max Cassette or Panel Count | Standard Item Number |
|------------|--------------------|--------------------|-------------------------|-------------------------|-----------------------------|----------------------|
| 1          | 36                 | 72                 | 216                     | 432                     | 3                           | EQ01U-CHC            |
| 2          | 72                 | 144                | 432                     | 864                     | 6                           | EQ02U-CHC            |
| 4          | 144                | 288                | 864                     | 1728                    | 12                          | EQ04U-CVC            |



EQ02U-CHC



# FIBER OPTIC SOLUTIONS

## Q-Series Standard Density (SD) Enclosure Systems

### Q-Series Wall Mount Enclosures – Standard Solutions

The Q-Series Wall Mounted fiber enclosure system is designed to support standard density LAN or POL applications in building networks. The all steel chassis enables reliable protection and management of fiber optic cable patching, splicing, and connecting. The enclosure also enables distribution of backbone cabling to active equipment, switching, or cross/interconnect horizontal area. The 1 panel footprint accommodates up to 24 LC fibers, the 2 panel accommodates up to 48 LC fibers, while the 4 panel accommodates up to 96 LC fibers. Each enclosure is compatible with OFP Adapter Panels, Compact 12 Fiber Splice Trays, and LM2 Pre-terminated or M2 Splice Cassettes.

#### Features:

- **Standard Density:** Accepts 12 or 24 fiber LM2 pre-terminated or M2 splice cassettes, FST4-F012C splice tray
- **Low-Profile Design:** Providing unobtrusive protection and management of all enclosed cabling infrastructure
- **Cable Management:** Protect and safely route all sensitive fibers with the included cable management system, central strength member bracket, and bend limiters
- **Cable Ingress and Egress:** Four ingress or egress points with rubber grommets help to protect and route all connectivity infrastructure



WQS-01P

| PART NO.   | DESCRIPTION                                                                 | MAX FIBER COUNT | MAX LC PORT COUNT | MAX PANEL COUNT |
|------------|-----------------------------------------------------------------------------|-----------------|-------------------|-----------------|
| WQS-01P    | Q-Series 1 Panel Standard Density (SD) Wall Mount Fiber Enclosure           | 24              | 24                | 1               |
| WQS-02P    | Q-Series 2 Panel Standard Density (SD) Wall Mount Fiber Enclosure           | 48              | 48                | 2               |
| WQS-04P    | Q-Series 4 Panel Standard Density (SD) Wall Mount Fiber Enclosure           | 96              | 96                | 4               |
| FST4-F012C | Q-Series, Compact 12 Fiber Splice Tray, Requires WQS-STB, 1 Per Splice Tray | 12              |                   |                 |

### Q-Series Enclosure Accessory

| PART NO. | DESCRIPTION                                                                                   |
|----------|-----------------------------------------------------------------------------------------------|
| WQS-STB  | Q-Series Compact 12 Fiber Splice Tray Mounting Bracket<br>(Order Separately From: FST4-F012C) |

NOTE: Order 1 per splice tray.



WQS-04P

# FIBER OPTIC SOLUTIONS

## Q-Series Standard Density (SD) Enclosure Systems

### Standard Density Fiber Patch Panel – Standard Solutions

Legrand® raised floor patch panels allow data center managers and designers to take advantage of under-utilized installation space beneath the raised floor structure, providing greater flexibility in structured cabling design and maximizing usage of premium data center floor space. Specifically designed to be installed in raised floor enclosures that are part of the cabling pathways, the raised floor fiber patch panels address the special bend radius and depth requirements of fiber optic cabling systems.

The raised floor patch panel is also often used with the Mighty Mo® overhead rack, found on page 136. The Mighty Mo overhead cable pathway racks provide cable management and an innovative mounting method for 19 in rack mount copper and fiber panels and enclosures. The overhead pathway racks allow horizontal connectivity to be supported by the overhead pathway, freeing up valuable rack or cabinet space below.

#### Features:

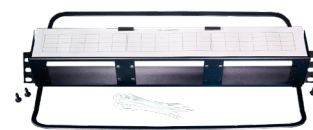
- Fiber patch panel for underfloor or overhead installation
- 19 in W, 1-unit or 2-unit high models available
- Designed for installation within 2 ft x 2 ft underfloor box with angled mounting rails
- Removable/reusable labeling cards

#### Benefits

- Allows data center manager to take advantage of under-utilized space beneath raised floor or overhead
- Provides the flexibility to suit any installation
- Horizontal patch panel orientation
- Convenient and accurate cabling administration and record keeping that is easily removed to provide rear patching access



RFP02U



RFPA02U

### Flush Mounting Fiber Patch Panel

| PART NO. | HEIGHT | ADAPTER COMPATIBILITY | CASSETTE COMPATIBILITY | CAPACITY | MAX FIBER COUNT (LC) |
|----------|--------|-----------------------|------------------------|----------|----------------------|
| RFP01U   | 1 RU   | OFF                   | LM2 / M2               | 3        | 72 Quad              |
| RFP02U   | 2 RU   | OFF                   | LM2 / M2               | 6        | 144 Quad             |

### Angled Mounting Fiber Patch Panel 45°

| PART NO. | HEIGHT | ADAPTER COMPATIBILITY | CASSETTE COMPATIBILITY | CAPACITY | MAX FIBER COUNT (LC) |
|----------|--------|-----------------------|------------------------|----------|----------------------|
| RFPA01U  | 1 RU   | OFF                   | LM2 / M2               | 3        | 72 Quad              |
| RFPA02U  | 2 RU   | OFF                   | LM2 / M2               | 6        | 144 Quad             |

# FIBER OPTIC SOLUTIONS

## Q-Series Standard Density (SD) Enclosure Systems

### Cable Manager

The high-density cable manager can be used behind the Mighty Mo® overhead cable pathway rack to manage excess slack.

Includes: (1) 8pk of 1/4 round cable management spools  
(Makes (2) complete spools)

| PART NO. | DESCRIPTION                              |
|----------|------------------------------------------|
| HDCM-001 | High Density Cable Manager, 1 RU - Black |



HDCM-001

### Angled Mounting Fiber Patch Panel 58°

| PART NO.  | HEIGHT | ADAPTER<br>COMPATIBILITY | CASSETTE<br>COMPATIBILITY | CAPACITY | MAX FIBER<br>COUNT (LC) |
|-----------|--------|--------------------------|---------------------------|----------|-------------------------|
| RFPA01U-A | 1 RU   | OFP                      | LM2 / M2                  | 3        | 72 Quad                 |
| RFPA02U-A | 2 RU   | OFP                      | LM2 / M2                  | 6        | 144 Quad                |

NOTES: Please contact raised floor enclosure manufacturer to verify rail angle. May require stand-off bracket kit when using Momentum cassettes.



RFPA02U-A

### Angled Stand-off Bracket Kit

Kit used with raised floor enclosure with 58° mounting rails. These stand-off brackets may be needed to extend the mounting surface of the raised floor enclosure to accommodate the depth limitations of some 2 ft x 2 ft raised floor enclosures. Includes left and right bracket.

| PART NO. | DESCRIPTION                                                |
|----------|------------------------------------------------------------|
| 60400968 | Angled Stand-Off Bracket Kit (for Floor Enclosure) - Black |



60400968

## OFP Adapter Panels – Standard Solutions

Q-Series OFP Standard Density Adapter Panels offer pass-through connections and front-loading access for Q-Series Enclosures. Compatible with Q-Series Rack Mount or Wall Mount Fiber Enclosures.

| PART NO.    | CONNECTOR STYLE | FIBER TYPE | FIBER COUNT | COLOR      |
|-------------|-----------------|------------|-------------|------------|
| OFP-BLANK   | NA              | NA         | NA          | Black      |
| OFP-LCD08AC | LC              | OS2        | 8           | Blue       |
| OFP-LCD08LC | LC              | OM3 / OM4  | 8           | Aqua       |
| OFP-LCD12AC | LC              | OS2        | 12          | Blue       |
| OFP-LCD12CC | LC APC          | OS2        | 12          | Green      |
| OFP-LCD12MB | LC              | OM1        | 12          | Beige      |
| OFP-LCD12LC | LC              | OM3 / OM4  | 12          | Aqua       |
| OFP-LCD12BC | LC              | All        | 12          | Orange     |
| OFP-LCD12GC | LC              | All        | 12          | Red        |
| OFP-LCD12IC | LC              | All        | 12          | Yellow     |
| OFP-LCD12PC | LC              | All        | 12          | Dark Green |
| OFP-LCQ16AC | LC              | OS2        | 16          | Blue       |
| OFP-LCQ16LC | LC              | OM3 / OM4  | 16          | Aqua       |
| OFP-LCQ24AC | LC              | OS2        | 24          | Blue       |
| OFP-LCQ24CC | LC APC          | OS2        | 24          | Green      |
| OFP-LCQ24MB | LC              | OM1        | 24          | Beige      |
| OFP-LCQ24LC | LC              | OM3 / OM4  | 24          | Aqua       |
| OFP-LCQ24GC | LC              | All        | 24          | Red        |
| OFP-LCQ24IC | LC              | All        | 24          | Yellow     |
| OFP-LCQ24JC | LC              | All        | 24          | Violet     |
| OFP-LCQ24PC | LC              | All        | 24          | Dark Green |
| OFP-SCD06AC | SC              | OS2        | 6           | Blue       |
| OFP-SCD06CC | SC APC          | OS2        | 6           | Green      |
| OFP-SCS06AC | SC              | OS2        | 6           | Blue       |
| OFP-SCS06CC | SC APC          | OS2        | 6           | Green      |
| OFP-SCS06MB | SC              | OM1        | 6           | Beige      |
| OFP-SCD06MB | SC              | OM1        | 6           | Beige      |
| OFP-SCS06LC | SC              | OM3 / OM4  | 6           | Aqua       |
| OFP-SCD06LC | SC              | OM3 / OM4  | 6           | Aqua       |
| OFP-SCD08AC | SC              | OS2        | 8           | Blue       |
| OFP-SCD08MB | SC              | OM1        | 8           | Beige      |
| OFP-SCD08LC | SC              | OM3 / OM4  | 8           | Aqua       |
| OFP-SCD12AC | SC              | OS2        | 12          | Blue       |
| OFP-SCD12CC | SC APC          | OS2        | 12          | Green      |
| OFP-SCD12MB | SC              | OM1        | 12          | Beige      |
| OFP-SCD12LC | SC              | OM3 / OM4  | 12          | Aqua       |
| OFP-STD08AC | ST              | OS2        | 8           | Blue       |
| OFP-STD08MB | ST              | OM1        | 8           | Beige      |
| OFP-STD08LC | ST              | OM3 / OM4  | 8           | Aqua       |
| OFP-STD12AC | ST              | OS2        | 12          | Blue       |
| OFP-STD12MB | ST              | OM1        | 12          | Beige      |
| OFP-STD12LC | ST              | OM3 / OM4  | 12          | Aqua       |
| OFP-MPA72CA | MPO             | OS2        | 72          | Green      |
| OFP-MPA72MA | MPO             | OM1        | 72          | Beige      |
| OFP-MPA72LA | MPO             | OM3 / OM4  | 72          | Aqua       |
| OFP-MPA96CA | MPO             | OS2        | 96          | Green      |
| OFP-MPA96MA | MPO             | OM1        | 96          | Beige      |
| OFP-MPA96LA | MPO             | OM3 / OM4  | 96          | Aqua       |



OFP-LCD12LC



OFP-LCQ24AC



OFP-LCQ24LC



OFP-MPA96CA



OFP-MPA72MA



OFP-MPA72LA



OFP-MPA72CA

# FIBER OPTIC SOLUTIONS

## Q-Series Standard Density (SD)

### M2 Cassettes – Standard Solutions

Q-Series M2 Standard Density Cassettes are part of a complete fiber solution. When combined with matched Infinium Trunks and Infinium Patch Cable Assemblies the solution enables industry leading pre-terminated performance and universal polarity for simple, fast and consistent and simplified installation. Compatible with Q-Series Rack Mount or Wall Mount Fiber Enclosures.



LM2-LC12J

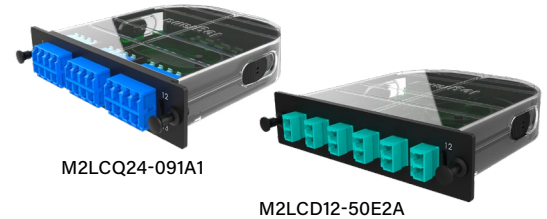
| ITEM NO.        | CONNECTOR STYLE (FRONT-TO-REAR) | FIBER TYPE | FIBER COUNT | TIER LEVEL | TOTAL INSERTION LOSS (MAX) | FRONT INSERTION LOSS (MAX) | REAR INSERTION LOSS (MAX) | RETURN LOSS (MIN) | POLARITY  |
|-----------------|---------------------------------|------------|-------------|------------|----------------------------|----------------------------|---------------------------|-------------------|-----------|
| LM2-LC12H       | LC PC - MPO(M) PC               | OM4        | 12          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal |
| LM2-LC12J       | LC UPC - MPO(M) APC             | OS2        | 12          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal |
| LM2-LC24H       | LC PC - MPO(M) PC               | OM4        | 24          | Core       | 1.25dB                     | 0.50dB                     | 0.75dB                    | 19dB              | Universal |
| LM2-LC24J       | LC UPC - MPO(M) APC             | OS2        | 24          | Core       | 1.05dB                     | 0.30dB                     | 0.75dB                    | 52dB              | Universal |
| LM2-LC12J-1A2UN | LC UPC - MPO(M) APC             | OS2        | 12          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal |
| LM2-LC24J-2A2UN | LC UPC - MPO(M) APC             | OS2        | 24          | Ultra      | 0.60dB                     | 0.25dB                     | 0.35dB                    | 52dB              | Universal |

# FIBER OPTIC SOLUTIONS

## Q-Series Standard Density (SD)

### M2 Splice Cassettes – Standard Solutions

Q-Series M2 Splice Cassettes enable excellent performance, fast field termination, and provide cable management within the housing. These standard density Splice Cassettes are designed for use with Single-Mode (OS2) or Multimode (OM4) Fiber, Houses 12-24 fibers and are available in LC Duplex or LC Quad port configurations. Compatible with Q-Series Fiber Enclosures.



| PART NO.        | CONNECTOR STYLE | FIBER TYPE | FIBER COUNT | TIER LEVEL | CONNECTOR INSERTION LOSS (MAX) | CONNECTOR RETURN LOSS (MIN) | SPLICE TYPE  |
|-----------------|-----------------|------------|-------------|------------|--------------------------------|-----------------------------|--------------|
| M2LCD12-50E1A1R | LC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Ribbon Fiber |
| M2LCQ24-50E1A1S | LC PC           | OM4        | 24          | Core       | 0.50dB                         | 26dB                        | Single Fiber |
| M2SCD12-50E1A1R | SC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Ribbon Fiber |
| M2LCD12-091A1S  | LC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M2LCQ24-091A1R  | LC UPC          | OS2        | 24          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M2LCD12-09A1A1S | LC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M2LCQ24-09A1A1R | LC APC          | OS2        | 24          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M2SCD12-091A1S  | SC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M2SCD12-09A1A1S | SC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M2LCD12-091A1R  | LC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M2LCD12-09A1A1R | LC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M2LCQ24-091A1S  | LC UPC          | OS2        | 24          | Core       | 0.30dB                         | 55dB                        | Single Fiber |
| M2LCQ24-09A1A1S | LC APC          | OS2        | 24          | Core       | 0.40dB                         | 65dB                        | Single Fiber |
| M2SCD12-091A1R  | SC UPC          | OS2        | 12          | Core       | 0.30dB                         | 55dB                        | Ribbon Fiber |
| M2SCD12-09A1A1R | SC APC          | OS2        | 12          | Core       | 0.40dB                         | 65dB                        | Ribbon Fiber |
| M2LCD12-50E1A1S | LC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Single Fiber |
| M2LCQ24-50E1A1R | LC PC           | OM4        | 24          | Core       | 0.50dB                         | 26dB                        | Ribbon Fiber |
| M2SCD12-50E1A1S | SC PC           | OM4        | 12          | Core       | 0.50dB                         | 26dB                        | Single Fiber |
| M2LCD12-50E3A1S | LC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M2LCQ24-50E3A1R | LC PC           | OM4        | 24          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |
| M2SCD12-50E3A1S | SC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M2LCD12-50E3A1R | LC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |
| M2LCQ24-50E3A1S | LC PC           | OM4        | 24          | Ultra      | 0.15dB                         | 26dB                        | Single Fiber |
| M2SCD12-50E3A1R | SC PC           | OM4        | 12          | Ultra      | 0.15dB                         | 26dB                        | Ribbon Fiber |



# FIBER OPTIC SOLUTIONS

## Passive Optical LAN Splitters

### Passive Optical Lan Splitters – Standard Solutions

A Passive Optical LAN (POL) Splitter is used in place of a workgroup switch, optimizing resources with a simple, space-saving installation that provides benefits such as cost reductions, greater efficiencies, scalability, and a clear upgrade path.

### M2 POL Splitter

(Compatible with Q-Series Rack Mount or Wall Mount Fiber Enclosures.)

| PART NO.      | DESCRIPTION                                               |
|---------------|-----------------------------------------------------------|
| M2S1108LA092M | M2 1x8 POL Splitter, LC/APC Connectors, 2m Pigtails       |
| M2S1116LA092M | M2 1x16 POL Splitter, LC/APC Connectors, 2m Pigtails      |
| M2S1132LA092M | M2 1x32 POL Splitter, LC/APC Connectors, 2m Pigtails      |
| M2S2108LA092M | M2 2x8 POL Splitter, LC/APC Connectors, 2m Pigtails       |
| M2S2116LA092M | M2 2x16 POL Splitter, LC/APC Connectors, 2m Pigtails      |
| M2S2132LA092M | M2 2x32 POL Splitter, LC/APC Connectors, 2m Pigtails      |
| M2S1108SA092M | M2 1x8 POL Splitter, SC/APC Connectors, 2m Pigtails       |
| M2S1116SA092M | M2 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails      |
| M2S1132SA092M | M2 1x32 POL Splitter, SC/APC Connectors, 2m Pigtails      |
| M2S2108SA092M | M2 2x8 POL Splitter, SC/APC Connectors, 2m Pigtails       |
| M2S2116SA092M | M2 2x16 POL Splitter, SC/APC Connectors, 2m Pigtails      |
| M2S2132SA092M | M2 2x32 POL Splitter, SC/APC Connectors, 2m Pigtails      |
| M2S1216SA092M | M2 Dual 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails |



M2S2132SA092M

### M4 & HDCA POL Splitters – Premium Solutions

(Compatible with Infinium HD-E Rack Mount Fiber Enclosures with M4 Drawer Face, HD Panels (Mixed Media), or Infinium Panel.)

| PART NO.      | DESCRIPTION                                                      |
|---------------|------------------------------------------------------------------|
| M4S1108SA091M | M4 1x8 POL Splitter, SC/APC Connectors, 1m Pigtails              |
| M4S1116SA091M | M4 1x16 POL Splitter, SC/APC Connectors, 1m Pigtails             |
| M4S1132SA091M | M4 1x32 POL Splitter, SC/APC Connectors, 1m Pigtails             |
| M4S1108SA092M | M4 1x8 POL Splitter, SC/APC Connectors, 2m Pigtails              |
| M4S1116SA092M | M4 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails             |
| M4S1132SA092M | M4 1x32 POL Splitter, SC/APC Connectors, 2m Pigtails             |
| M4S2132SA091M | M4 2x32 POL Splitter, SC/APC Connectors, 1m Pigtails             |
| M4S2132SA092M | M4 2x32 POL Splitter, SC/APC Connectors, 2m Pigtails             |
| M4S1216SA091M | M4 Dual 1x16 POL Splitter, SC/APC Connectors, 1m Pigtails        |
| M4S1216SA092M | M4 Dual 1x16 POL Splitter, SC/APC Connectors, 2m Pigtails        |
| HDCAS1108SA09 | 1x8 (1 SC to 8 LC) POL Fiber Splitter, OS2 HDCA Cassette, SC/APC |



M4S1132SA091M

| PART NO.     | DESCRIPTION                                        |
|--------------|----------------------------------------------------|
| RMS01164SA09 | 1U Rack mount 1x64 POL Splitter, SC/APC Connectors |



RMS01164SA09

## FIBER OPTIC SOLUTIONS

## Infinium Fiber Trunk Cable Assembly Configurator

| CONCATENATED PART NO. | PERFORMANCE LEVEL                                                                                                                                                         | CONN. A | CONN. B                                                                                                                                                                                                                                                                                                                                                                                    | POLARITY | CABLE TYPE | CABLE VENDOR | FIBER COUNT | FIBER TYPE                                                                                                                                                                                                                                                                                                                                                                                                                          | BREAK-OUT A | BREAK-OUT B                                                                                                              | OPTIONS | LENGTH | UNIT OF MEASURE |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|--------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|
| Q8686B37S7QMM2125F    | Q                                                                                                                                                                         | 86      | 86                                                                                                                                                                                                                                                                                                                                                                                         | B        | 37         | S            | 7           | Q                                                                                                                                                                                                                                                                                                                                                                                                                                   | M           | M                                                                                                                        | 2       | 125    | F               |
|                       | <b>Performance Level</b><br>Q - Quantum<br>U - Ultra<br>C - Core                                                                                                          |         | <b>CONNECTORS A &amp; B SIDE</b>                                                                                                                                                                                                                                                                                                                                                           |          |            |              |             | <b>Polarity</b><br>0 - LC Non-Clipped<br>2 - LC Clipped A-B<br>B - Type B: 1-1<br>C - Type C: 1-1                                                                                                                                                                                                                                                                                                                                   |             |                                                                                                                          |         |        |                 |
|                       |                                                                                                                                                                           |         | <b>acclA/M Connectors</b><br>AM - SM or MM Octal Ferrule<br><br><b>Quantum Performance (MTP)</b><br>70 - SM Pinned<br>71 - SM Non-Pinned<br>85 - SM PRO Pinned<br>86 - SM PRO Non-Pinned<br>1E - MM APC Non-Pinned<br>1U - MM PRO APC Pinned<br>1V - MM PRO APC Non-Pinned<br>41A - MM APC Pinned<br><br><b>LC Connectors</b><br>01 - LC (Core, Ultra, Quantum MM)<br>35 - LC (Quantum SM) |          |            |              |             | <b>Core Performance (MTP)</b><br>46 - MM Pinned<br>47 - MM Non-Pinned<br>62 - SM Pinned<br>63 - SM Non-Pinned<br>1G - MM PRO Pinned<br>1H - MM PRO Non-Pinned<br>1N - SM PRO Pinned<br>1P - SM PRO Non-Pinned<br><br><b>Ultra Performance (MTP)</b><br>54 - MM Pinned<br>55 - MM Non-Pinned<br>70 - SM Pinned<br>71 - SM Non-Pinned<br>83 - MM PRO Pinned<br>84 - MM PRO Non-Pinned<br>85 - SM PRO Pinned<br>86 - SM PRO Non-Pinned |             | <b>Fiber Type</b><br>E - OM4 MM<br>H - OM5 MM<br>J - OS2 (Standard)<br>Q - OS2 Quantum<br>OM5 Uses Quantum<br>MM APC MTP |         |        |                 |
|                       | <b>Cable Type</b><br>10 - 3.0mm (Above 12F)<br>37 - 3.0mm (12F or Less)<br>63 - 2.0mm (Base-8)<br>67 - 3.0mm, LSZH, 12F<br>68 - 2.0mm, LSZH, 12F<br>Other types available |         | <b>Cable Vendor</b><br>0 - Non-Specific<br>S - Superior Essex<br>D - Draka/Prysmian (LSZH)                                                                                                                                                                                                                                                                                                 |          |            |              |             | <b>Fiber Count</b><br>5 - 8F<br>7 - 12F<br>A - 24F<br>E - 48F<br>Other counts available                                                                                                                                                                                                                                                                                                                                             |             | <b>Length</b><br>xxx - Must be 3 Digits                                                                                  |         |        |                 |
|                       |                                                                                                                                                                           |         | <b>Breakouts (Sides A &amp; B)</b><br>E - LC No Stagger<br>F - LC Standard Stagger<br>M - MTP No Stagger<br>N - MTP Standard Stagger                                                                                                                                                                                                                                                       |          |            |              |             | <b>Options</b><br>1 - Spool only<br>2 - Spool, Pulling Eye, No Labels<br>8 - Spool, Pulling Eye, Labels<br>More options available for Pulling Eye and Labeling<br>'Unspooled' Options Available                                                                                                                                                                                                                                     |             | <b>Unit of Measure</b><br>F-Feet      M-Meters                                                                           |         |        |                 |

## Instructions

Use the applicable feature tables, select the appropriate designation code and apply to the coordinating cell in the configurator.

**Please Note:** With hundreds of configuration options, this table has been condensed to the most common choices to simplify the trunk assembly configuration process, there are various rules for trunk construction that may be applied, forcing a change to the part number.

If you require other configuration options or assistance with designing the appropriate trunk for your application, please contact Legrand support.

Phone number **1.800.934.5432** Email **customerservice.DAT@legrand.us**

## Pre-Configured Trunk Examples

| PART NO.           | DESCRIPTION                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------|
| Q7171B10S7QMM8125F | Infinium Quantum, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OS2, Type B:1-1 Polarity, Spool, PE-A, Label-A |
| Q1E1EB10S7EMM8125F | Infinium Quantum, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OM4, Type B:1-1 Polarity, Spool, PE-A, Label-A |
| U5555B10S7EMM8125F | Infinium Ultra, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OM4, Type B:1-1 Polarity, Spool, PE-A, Label-A   |
| U6363B10S7JMM8125F | Infinium Ultra, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OS2, Type B:1-1 Polarity, Spool, PE-A, Label-A   |
| C4747B10S7EMM8125F | Infinium Core, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OM4, Type B:1-1 Polarity, Spool, PE-A, Label-A    |
| C6363B10S7JMM8125F | Infinium Core, 125ft, 12F MTP to MTP (Non-Pinned, No Stagger), Plenum OS2, Type B:1-1 Polarity, Spool, PE-A, Label-A    |

# FIBER OPTIC SOLUTIONS

## Infinium Fiber Patch Cord Assembly Configurator

| CONCATENATED<br>PART NO. | PERFORMANCE<br>LEVEL                                                        | CONN.<br>A                                                                                                                                         | CONN.<br>B | POLARITY | CABLE<br>DIAMETER                                                            | FIBER<br>TYPE | JACKET<br>COLOR                                                                                                                                                          | JACKET<br>TYPE | PACKAGING                                                                                             | LENGTH | UNIT OF<br>MEASURE |  |
|--------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------|--------|--------------------|--|
| L1-0101B2QY21010F        | L1                                                                          | 01                                                                                                                                                 | 01         | B        | 2                                                                            | Q             | Y                                                                                                                                                                        | 2              | 1                                                                                                     | 010    | F                  |  |
|                          | <b>Performance<br/>Level</b><br><br>L1 – Core<br>L3 – Ultra<br>L4 – Quantum | <b>CONN.<br/>(Connectors)</b><br><br>01 – LC Duplex<br>02 – SC<br>35 – SM Quantum<br>LC Duplex<br>80 – LC Uniboot<br>2M – SM Quantum<br>LC Uniboot |            |          | <b>Cable<br/>Diameter</b><br><br>2 – 2.0mm<br>3 – 3.0mm                      |               | <b>Jacket Color</b><br><br>A – Aqua<br>Y – Yellow                                                                                                                        |                | <b>Packaging</b><br><br>0 – No Test<br>Result<br>(Core)<br><br>1 – Test Result<br>(Ultra/<br>Quantum) |        |                    |  |
|                          |                                                                             | <b>Polarity</b><br><br>A – A -A (Clipped)<br><br>B – A-B (Clipped)<br><br><i>Standard</i>                                                          |            |          | <b>Fiber Type</b><br><br>E – OM4<br>H – OM5<br>J – OS2<br>Q – OS2<br>Quantum |               | <b>Jacket Type</b><br><br>2 – Riser Duplex Zip<br>B - Plenum Duplex<br>DFX (Uniboot)<br>D – Plenum Duplex Zip<br>E - LSZH Duplex Zip<br>L - LSZH Duplex DFX<br>(Uniboot) |                | <b>Unit of<br/>Measure</b><br><br>F – Feet<br>M – Meters                                              |        |                    |  |
|                          |                                                                             |                                                                                                                                                    |            |          |                                                                              |               |                                                                                                                                                                          |                |                                                                                                       |        |                    |  |
|                          |                                                                             |                                                                                                                                                    |            |          |                                                                              |               |                                                                                                                                                                          |                |                                                                                                       |        |                    |  |

### Instructions

Use the applicable feature tables, select the appropriate designation code and apply to the coordinating cell in the configurator.

**Please Note:** With hundreds of configuration options, this table has been condensed to the most common choices to simplify the patch cable assembly configuration process. If you require other configuration options or assistance with designing the appropriate patch cable assembly for your application, please contact Legrand support.

Phone number **1.800.934.5432** Email **customerservice.DAT@legrand.us**

# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Quantum Single-Mode Patch Cable Assemblies

**Individual Patch Cable Assembly – Quantum-Low Insertion Loss:** 0.14 dB Insertion loss

**Part of a Quantum – Low Loss System:** When combined with Infinium Quantum Trunks and Infinium Quantum Cassettes

- Single-mode total channel connection loss: 0.75 dB
- Single-mode total channel connection return loss: 49 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Single-mode OS2 Infinium Quantum Fiber

**Polarity:** A-B and is designed to pair with Infinium Universal Polarity Cassettes - Reconfigurable

**Jacket Color:** Yellow - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                | FIBER TYPE | POLARITY | FORM FACTOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|----------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L4-3535B2QYD1002F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.14 dB              |
| L4-3535B2QYD1003F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.14 dB              |
| L4-3535B2QYD1004F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 4      | Feet   | 0.14 dB              |
| L4-3535B2QYD1005F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 5      | Feet   | 0.14 dB              |
| L4-3535B2QYD1010F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 10     | Feet   | 0.14 dB              |
| L4-3535B2QYD1015F | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 15     | Feet   | 0.14 dB              |
| L4-3535B2QYD1001M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.14 dB              |
| L4-3535B2QYD1002M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.14 dB              |
| L4-3535B2QYD1003M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.14 dB              |
| L4-3535B2QYD1004M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 4      | Meters | 0.14 dB              |
| L4-3535B2QYD1005M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 5      | Meters | 0.14 dB              |
| L4-3535B2QYD1010M | Infinium Quantum, LC to LC | OS2        | A-B      | Duplex      | Plenum      | 10     | Meters | 0.14 dB              |

# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Quantum Multimode Patch Cable Assemblies

**Individual Patch Cable Assembly – Quantum-Low Insertion Loss:** 0.10 dB Insertion loss

**Part of a Quantum – Low Loss System:** When combined with Infinium Quantum Trunks and Infinium Quantum Cassettes

- Multimode total channel connection loss: 0.70 dB
- Multimode total channel connection return loss: 34 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Multimode OM4 Fiber - other configuration options available

**Polarity:** A-B and is designed to pair with Infinium Universal Polarity Cassettes - Reconfigurable

**Jacket Color:** Aqua - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                | FIBER TYPE | POLARITY | FORM FACTOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|----------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L4-0101B2EAD1002F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.10 dB              |
| L4-0101B2EAD1003F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.10 dB              |
| L4-0101B2EAD1004F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 4      | Feet   | 0.10 dB              |
| L4-0101B2EAD1005F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 5      | Feet   | 0.10 dB              |
| L4-0101B2EAD1010F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 10     | Feet   | 0.10 dB              |
| L4-0101B2EAD1015F | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 15     | Feet   | 0.10 dB              |
| L4-0101B2EAD1001M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.10 dB              |
| L4-0101B2EAD1002M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.10 dB              |
| L4-0101B2EAD1003M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.10 dB              |
| L4-0101B2EAD1004M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 4      | Meters | 0.10 dB              |
| L4-0101B2EAD1005M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 5      | Meters | 0.10 dB              |
| L4-0101B2EAD1010M | Infinium Quantum, LC to LC | OM4        | A-B      | Duplex      | Plenum      | 10     | Meters | 0.10 dB              |

# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Ultra Single-Mode Patch Cable Assemblies

**Individual Patch Cable Assembly – Ultra-Low Insertion Loss:** 0.25 dB Insertion loss

**Part of an Ultra – Low Loss System:** When combined with Infinium Ultra Trunks and Infinium Ultra Cassettes

- Single-mode total channel connection loss: 1.2 dB
- Single-mode total channel connection return loss: 49 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Single-mode OS2 Fiber

**Polarity:** A-B and is designed to pair with Infinium Universal Polarity Cassettes - Reconfigurable

**Jacket Color:** Yellow - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                       | FIBER TYPE | POLARITY | FORM FACTOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|-----------------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L3-0101B2JYD1002F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.25 dB              |
| L3-0101B2JYD1003F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.25 dB              |
| L3-0101B2JYD1004F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 4      | Feet   | 0.25 dB              |
| L3-0101B2JYD1005F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 5      | Feet   | 0.25 dB              |
| L3-0101B2JYD1010F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 10     | Feet   | 0.25 dB              |
| L3-0101B2JYD1015F | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 15     | Feet   | 0.25 dB              |
| L3-0102B2JYD1001F | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Feet   | 0.25 dB              |
| L3-0102B2JYD1002F | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.25 dB              |
| L3-0102B2JYD1003F | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.25 dB              |
| L3-0101B2JYD1001M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.25 dB              |
| L3-0101B2JYD1002M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.25 dB              |
| L3-0101B2JYD1003M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.25 dB              |
| L3-0101B2JYD1004M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 4      | Meters | 0.25 dB              |
| L3-0101B2JYD1005M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 5      | Meters | 0.25 dB              |
| L3-0101B2JYD1010M | Infinium Ultra, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 10     | Meters | 0.25 dB              |
| L3-0102B2JYD1001M | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.25 dB              |
| L3-0102B2JYD1002M | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.25 dB              |
| L3-0102B2JYD1003M | Infinium Ultra, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.25 dB              |
| L3-802JB2JYB1002F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 2      | Feet   | 0.25 dB              |
| L3-802JB2JYB1003F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 3      | Feet   | 0.25 dB              |
| L3-802JB2JYB1004F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 4      | Feet   | 0.25 dB              |
| L3-802JB2JYB1005F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 5      | Feet   | 0.25 dB              |
| L3-802JB2JYB1010F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 10     | Feet   | 0.25 dB              |
| L3-802JB2JYB1015F | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 15     | Feet   | 0.25 dB              |
| L3-802JB2JYB1001M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 1      | Meters | 0.25 dB              |
| L3-802JB2JYB1002M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 2      | Meters | 0.25 dB              |
| L3-802JB2JYB1003M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 3      | Meters | 0.25 dB              |
| L3-802JB2JYB1004M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 4      | Meters | 0.25 dB              |
| L3-802JB2JYB1005M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 5      | Meters | 0.25 dB              |
| L3-802JB2JYB1010M | Infinium Ultra, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 10     | Meters | 0.25 dB              |



# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Ultra Multimode Patch Cable Assemblies

**Individual Patch Cable Assembly – Ultra-Low Insertion Loss:** 0.15 dB Insertion loss

**Part of an Ultra – Low Loss System:** When combined with Infinium Ultra Trunks and Infinium Ultra Cassettes

- Multimode total channel connection loss: 1.0 dB
- Multimode total channel connection return loss: 16 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Multimode OM4 Fiber - other configurations options available

**Polarization:** A-B and is designed to pair with Infinium Universal Polarity Cassettes - Reconfigurable

**Jacket Color:** Aqua - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                       | FIBER TYPE | POLARITY | FORM FAC-TOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|-----------------------------------|------------|----------|--------------|-------------|--------|--------|----------------------|
| L3-0101B2EAD1002F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 2      | Feet   | 0.15 dB              |
| L3-0101B2EAD1003F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 3      | Feet   | 0.15 dB              |
| L3-0101B2EAD1004F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 4      | Feet   | 0.15 dB              |
| L3-0101B2EAD1005F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 5      | Feet   | 0.15 dB              |
| L3-0101B2EAD1010F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 10     | Feet   | 0.15 dB              |
| L3-0101B2EAD1015F | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 15     | Feet   | 0.15 dB              |
| L3-0102B2EAD1001F | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 1      | Feet   | 0.15 dB              |
| L3-0102B2EAD1002F | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 2      | Feet   | 0.15 dB              |
| L3-0102B2EAD1003F | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 3      | Feet   | 0.15 dB              |
| L3-0101B2EAD1001M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 1      | Meters | 0.15 dB              |
| L3-0101B2EAD1002M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 2      | Meters | 0.15 dB              |
| L3-0101B2EAD1003M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 3      | Meters | 0.15 dB              |
| L3-0101B2EAD1004M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 4      | Meters | 0.15 dB              |
| L3-0101B2EAD1005M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 5      | Meters | 0.15 dB              |
| L3-0101B2EAD1010M | Infinium Ultra, LC to LC          | OM4        | A-B      | Duplex       | Plenum      | 10     | Meters | 0.15 dB              |
| L3-0102B2EAD1001M | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 1      | Meters | 0.15 dB              |
| L3-0102B2EAD1002M | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 2      | Meters | 0.15 dB              |
| L3-0102B2EAD1003M | Infinium Ultra, LC to SC          | OM4        | A-B      | Duplex       | Plenum      | 3      | Meters | 0.15 dB              |
| L3-802JB2EAB1002F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 2      | Feet   | 0.15 dB              |
| L3-802JB2EAB1003F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 3      | Feet   | 0.15 dB              |
| L3-802JB2EAB1004F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 4      | Feet   | 0.15 dB              |
| L3-802JB2EAB1005F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 5      | Feet   | 0.15 dB              |
| L3-802JB2EAB1010F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 10     | Feet   | 0.15 dB              |
| L3-802JB2EAB1015F | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 15     | Feet   | 0.15 dB              |
| L3-802JB2EAB1001M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 1      | Meters | 0.15 dB              |
| L3-802JB2EAB1002M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 2      | Meters | 0.15 dB              |
| L3-802JB2EAB1003M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 3      | Meters | 0.15 dB              |
| L3-802JB2EAB1004M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 4      | Meters | 0.15 dB              |
| L3-802JB2EAB1005M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 5      | Meters | 0.15 dB              |
| L3-802JB2EAB1010M | Infinium Ultra, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX   | Plenum      | 10     | Meters | 0.15 dB              |

# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Core Single-Mode Patch Cable Assemblies

**Individual Patch Cable Assembly – Standard Insertion Loss:** 0.30 dB Insertion loss

**Part of a Standard Loss System:** When combined with Infinium Core Trunks and Infinium Core Cassettes

- Single-mode total channel connection loss: 2.1 dB
- Single-mode total channel connection return loss: 49 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Single-Mode OS2 Fiber

**Polarization:** A-B and is designed to pair with Infinium Universal Polarity Cassettes - Reconfigurable

**Jacket Color:** Yellow - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                      | FIBER TYPE | POLARITY | FORM FACTOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|----------------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L1-0101B2JYD0002F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.30 dB              |
| L1-0101B2JYD0003F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.30 dB              |
| L1-0101B2JYD0004F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 4      | Feet   | 0.30 dB              |
| L1-0101B2JYD0005F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 5      | Feet   | 0.30 dB              |
| L1-0101B2JYD0010F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 10     | Feet   | 0.30 dB              |
| L1-0101B2JYD0015F | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 15     | Feet   | 0.30 dB              |
| L1-0102B2JYD0001F | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Feet   | 0.30 dB              |
| L1-0102B2JYD0002F | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.30 dB              |
| L1-0102B2JYD0003F | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.30 dB              |
| L1-0101B2JYD0001M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.30 dB              |
| L1-0101B2JYD0002M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.30 dB              |
| L1-0101B2JYD0003M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.30 dB              |
| L1-0101B2JYD0004M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 4      | Meters | 0.30 dB              |
| L1-0101B2JYD0005M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 5      | Meters | 0.30 dB              |
| L1-0101B2JYD0010M | Infinium Core, LC to LC          | OS2        | A-B      | Duplex      | Plenum      | 10     | Meters | 0.30 dB              |
| L1-0102B2JYD0001M | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.30 dB              |
| L1-0102B2JYD0002M | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.30 dB              |
| L1-0102B2JYD0003M | Infinium Core, LC to SC          | OS2        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.30 dB              |
| L1-802JB2JYB0002F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 2      | Feet   | 0.30 dB              |
| L1-802JB2JYB0003F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 3      | Feet   | 0.30 dB              |
| L1-802JB2JYB0004F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 4      | Feet   | 0.30 dB              |
| L1-802JB2JYB0005F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 5      | Feet   | 0.30 dB              |
| L1-802JB2JYB0010F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 10     | Feet   | 0.30 dB              |
| L1-802JB2JYB0015F | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 15     | Feet   | 0.30 dB              |
| L1-802JB2JYB0001M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 1      | Meters | 0.30 dB              |
| L1-802JB2JYB0002M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 2      | Meters | 0.30 dB              |
| L1-802JB2JYB0003M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 3      | Meters | 0.30 dB              |
| L1-802JB2JYB0004M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 4      | Meters | 0.30 dB              |
| L1-802JB2JYB0005M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 5      | Meters | 0.30 dB              |
| L1-802JB2JYB0010M | Infinium Core, LC Uniboot to MDC | OS2        | A-B      | Duplex DFX  | Plenum      | 10     | Meters | 0.30 dB              |

# FIBER OPTIC SOLUTIONS

## Pre-Configured Infinium Patch Cable Assemblies

### Pre-Configured Infinium Core Multimode Patch Cable Assemblies

**Individual Patch Cable Assembly – Standard Insertion Loss:** 0.50 dB Insertion loss

**Part of a Standard Loss System:** When combined with Infinium Core Trunks and Infinium Core Cassettes

- Multimode total channel connection loss: 2.5 dB
- Multimode total channel connection return loss: 16 dB

**Cable Size:** All configurations below are 2mm duplex zipcord - other configuration options available

**Fiber Type:** Supports Multimode OM4 Fiber – other configuration options available

**Polarization:** A-B and is designed to pair with Infinium Universal Polarity Cassettes – Reconfigurable

**Jacket Color:** Aqua - other configuration options available

**Compliance:** BAA or TAA

| PART NO.          | DESCRIPTION                      | FIBER TYPE | POLARITY | FORM FACTOR | JACKET TYPE | LENGTH | UOM    | INSERTION LOSS (MAX) |
|-------------------|----------------------------------|------------|----------|-------------|-------------|--------|--------|----------------------|
| L1-0101B2EAD0002F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.50 dB              |
| L1-0101B2EAD0003F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.50 dB              |
| L1-0101B2EAD0004F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 4      | Feet   | 0.50 dB              |
| L1-0101B2EAD0005F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 5      | Feet   | 0.50 dB              |
| L1-0101B2EAD0010F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 10     | Feet   | 0.50 dB              |
| L1-0101B2EAD0015F | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 15     | Feet   | 0.50 dB              |
| L1-0102B2EAD0001F | Infinium Core, LC to SC          | OM4        | A-B      | Duplex      | Plenum      | 1      | Feet   | 0.50 dB              |
| L1-0102B2EAD0002F | Infinium Core, LC to SC          | OM4        | A-B      | Duplex      | Plenum      | 2      | Feet   | 0.50 dB              |
| L1-0102B2EAD0003F | Infinium Core, LC to SC          | OM4        | A-B      | Duplex      | Plenum      | 3      | Feet   | 0.50 dB              |
| L1-0101B2EAD0001M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.50 dB              |
| L1-0101B2EAD0002M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.50 dB              |
| L1-0101B2EAD0003M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.50 dB              |
| L1-0101B2EAD0004M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 4      | Meters | 0.50 dB              |
| L1-0101B2EAD0005M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 5      | Meters | 0.50 dB              |
| L1-0101B2EAD0010M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 10     | Meters | 0.50 dB              |
| L1-0102B2EAD0001M | Infinium Core, LC to SC          | OM4        | A-B      | Duplex      | Plenum      | 1      | Meters | 0.50 dB              |
| L1-0102B2EAD0002M | Infinium Core, LC to SC          | OM4        | A-B      | Duplex      | Plenum      | 2      | Meters | 0.50 dB              |
| L1-0102B2EAD0003M | Infinium Core, LC to LC          | OM4        | A-B      | Duplex      | Plenum      | 3      | Meters | 0.50 dB              |
| L1-802JB2EAB0002F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 2      | Feet   | 0.50 dB              |
| L1-802JB2EAB0003F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 3      | Feet   | 0.50 dB              |
| L1-802JB2EAB0004F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 4      | Feet   | 0.50 dB              |
| L1-802JB2EAB0005F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 5      | Feet   | 0.50 dB              |
| L1-802JB2EAB0010F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 10     | Feet   | 0.50 dB              |
| L1-802JB2EAB0015F | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 15     | Feet   | 0.50 dB              |
| L1-802JB2EAB0001M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 1      | Meters | 0.50 dB              |
| L1-802JB2EAB0002M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 2      | Meters | 0.50 dB              |
| L1-802JB2EAB0003M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 3      | Meters | 0.50 dB              |
| L1-802JB2EAB0004M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 4      | Meters | 0.50 dB              |
| L1-802JB2EAB0005M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 5      | Meters | 0.50 dB              |
| L1-802JB2EAB0010M | Infinium Core, LC Uniboot to MDC | OM4        | A-B      | Duplex DFX  | Plenum      | 10     | Meters | 0.50 dB              |

# FIBER OPTIC SOLUTIONS

## Fiber Connectors

Fiber optic connectors from Legrand are available in a variety of connector styles and in both single-mode and multimode fiber types with three different termination methods – fusion splicing, mechanical splicing and anaerobic curing.

### Infinium Fusion Splice-On Connectors – Premium Solutions

The fusion splicing method for Infinium fusion splice-on connectors is accomplished by fusing the field fiber to the factory-cleaved fiber stub to ensure ease of use and optimal performance. The unique boot allows the entire splice to be concealed and protected. The 3mm connectors have the addition of an extended brass crimp sleeve that provides extra protection to the splice and utilizes the Kevlar® for maximized pull strength.

| PART NO.      | STYLE  | FIBER TYPE          | JACKET SIZE | HOUSING COLOR | BOOT COLOR | PACK COLOR |
|---------------|--------|---------------------|-------------|---------------|------------|------------|
| 205KNF9GA-62  | LC     | Multimode (OM1)     | 900µm       | Beige         | Beige      | 1          |
| 205KNF9FA-62  | SC     | Multimode (OM1)     | 900µm       | Beige         | Beige      | 1          |
| 205KNF9EA-62  | ST     | Multimode (OM1)     | 900µm       | Metallic      | Beige      | 1          |
| 205KNF9GA-50T | LC     | Multimode (OM3/OM4) | 900µm       | Beige         | Aqua       | 1          |
| 205KNF9FA-50T | SC     | Multimode (OM3/OM4) | 900µm       | Beige         | Aqua       | 1          |
| 205KNF9EA-50T | ST     | Multimode (OM3/OM4) | 900µm       | Metallic      | Aqua       | 1          |
| 205KNF9GA-50E | LC     | Multimode (OM4)     | 900µm       | Beige         | Magenta    | 1          |
| 205KNF9FA-50E | SC     | Multimode (OM4)     | 900µm       | Beige         | Magenta    | 1          |
| 205KNF9GA-50W | LC     | Multimode (OM5)     | 900µm       | Lime          | Lime       | 1          |
| 205KNF9SA-09  | LC     | Single-Mode (OS2)   | 900µm       | Blue          | White      | 1          |
| 205KNF9RA-09  | SC     | Single-Mode (OS2)   | 900µm       | Blue          | White      | 1          |
| 205KNF9QA-09  | ST     | Single-Mode (OS2)   | 900µm       | Metallic      | White      | 1          |
| 205KNF9MA-09  | LC APC | Single-Mode (OS2)   | 900µm       | Green         | Green      | 1          |
| 205KNF9LA-09  | SC APC | Single-Mode (OS2)   | 900µm       | Green         | Green      | 1          |
| 205KNF3GA-62  | LC     | Multimode (OM1)     | 3.0 mm      | Beige         | Beige      | 1          |
| 205KNF3FA-62  | SC     | Multimode (OM1)     | 3.0 mm      | Beige         | Beige      | 1          |
| 205KNF3EA-62  | ST     | Multimode (OM1)     | 3.0 mm      | Metallic      | Beige      | 1          |
| 205KNF3GA-50T | LC     | Multimode (OM3/OM4) | 3.0 mm      | Beige         | Aqua       | 1          |
| 205KNF3FA-50T | SC     | Multimode (OM3/OM4) | 3.0 mm      | Beige         | Aqua       | 1          |
| 205KNF3EA-50T | ST     | Multimode (OM3/OM4) | 3.0 mm      | Metallic      | Aqua       | 1          |
| 205KNF3GA-50E | LC     | Multimode (OM4)     | 3.0 mm      | Magenta       | Magenta    | 1          |
| 205KNF3FA-50E | SC     | Multimode (OM4)     | 3.0 mm      | Magenta       | Magenta    | 1          |
| 205KNF3GA-50W | LC     | Multimode (OM5)     | 3.0 mm      | Lime          | Lime       | 1          |
| 205KNF3SA-09  | LC     | Single-Mode (OS2)   | 3.0 mm      | Blue          | White      | 1          |
| 205KNF3RA-09  | SC     | Single-Mode (OS2)   | 3.0 mm      | Blue          | White      | 1          |
| 205KNF3QA-09  | ST     | Single-Mode (OS2)   | 3.0 mm      | Metallic      | White      | 1          |
| 205KNF3MA-09  | LC APC | Single-Mode (OS2)   | 3.0 mm      | Green         | Green      | 1          |
| 205KNF3LA-09  | SC APC | Single-Mode (OS2)   | 3.0 mm      | Green         | Green      | 1          |



205KNF9SA-09



205KNF3GA-50E

# FIBER OPTIC SOLUTIONS

## Fiber Connectors

### Accessories for Infinium Fusion Splice-On Connectors

| PART NO. | DESCRIPTION                                            | COMPATIBILITY                              |
|----------|--------------------------------------------------------|--------------------------------------------|
| 20500368 | Universal Splice-On Connector Sled - ABS               | Universal                                  |
| 20500370 | AFL Splice-On Connector Sled (11S) - Metal             | AFL 11S,17S-FH                             |
| 20500371 | AFL Splice-On Connector Sled (60S) - Metal             | AFL 12S, 19S, 31S, 41S, 60S, 62S, 70S, 90S |
| 20500366 | Sumitomo Splice-On Connector Sled (60S) - Metal        | Sumitomo Q101, Q102CA, T56, QH201, T400S   |
| 20500373 | Fitel Splice-On Connector Sled - Metal                 | Fitel S123, S153, S178, S179, NINJA        |
| 20500369 | FIS & FiberFox Splice-On Connector Sled - Metal        | FIS & FiberFox CA3, Mini6S                 |
| 20500382 | Fitel Splice-On Connector 3.0mm cordage holder - Metal | Fitel                                      |
| 20500383 | AFL Splice-On Connector 3.0mm cordage holder - Metal   | AFL                                        |
| 20500384 | Curing Oven for 3.0mm and 900µm Fiber                  | Universal                                  |
| 20500385 | Crimp Tool for 3.0mm Fiber                             | Universal                                  |



20500366



20500384

### Infinium Field Installable Mechanical Splice Connectors

#### – Premium Solutions

The mechanical splicing method for the Infinium field installable mechanical splice connectors is accomplished with no epoxy or polishing and requires no special tools for fast and easy assembly in the field. The reusable termination capability saves time and money while reducing scrap. The VFL window enables immediate feedback on successful termination.

| PART NO.      | STYLE  | FIBER TYPE          | JACKET SIZE | HOUSING COLOR | BOOT COLOR | PACK COLOR |
|---------------|--------|---------------------|-------------|---------------|------------|------------|
| 205KNT9GA-62  | LC     | Multimode (OM1)     | 900µm       | Beige         | White      | 1          |
| 205KNT9FA-62  | SC     | Multimode (OM1)     | 900µm       | Beige         | White      | 1          |
| 205KNT9GA-50T | LC     | Multimode (OM3/OM4) | 900µm       | Aqua          | White      | 1          |
| 205KNT9FA-50T | SC     | Multimode (OM3/OM4) | 900µm       | Aqua          | White      | 1          |
| 205KNT9SA-09  | LC     | Single-Mode (OS2)   | 900µm       | Blue          | White      | 1          |
| 205KNT9RA-09  | SC     | Single-Mode (OS2)   | 900µm       | Blue          | White      | 1          |
| 205KNT9LA-09  | SC APC | Single-Mode (OS2)   | 900µm       | Green         | White      | 1          |



205KNT9FA-50T

### Splice Protection

| PART NO. | DESCRIPTION                                     |
|----------|-------------------------------------------------|
| 20500043 | Heat Shrink Sleeves, 40mm, Package of 50, 3.0mm |
| 20500337 | Heat Shrink Sleeves, 40mm, Package of 50, 2.5mm |



20500043

### Breakout Kits

| PART NO. | DESCRIPTION            |
|----------|------------------------|
| 61500858 | Breakout Kit, 12 Fiber |
| 61500868 | Breakout Kit, 6 Fiber  |



61500868

# FIBER OPTIC SOLUTIONS

## Fiber Connectors

### Accessories for Infinium Field Installable Mechanical Splice Connectors

| PART NO. | DESCRIPTION                                          |
|----------|------------------------------------------------------|
| 85400017 | Infinium Field Installable Mechanical Splice Toolkit |

### Q-Series Anaerobic Connectors – Standard Solutions

The anaerobic curing method for the Q-Series field terminating anaerobic connectors require no capital equipment, curing ovens, UV light sources, or expensive polishing machines. Terminate anywhere without worrying about power sources or charging batteries. The connectors feature a simple design allowing for lower unit costs, while advanced engineering helps ensure long life and saves on replacement costs.

| PART NO.     | STYLE | FIBER TYPE  | JACKET SIZE | HOUSING COLOR | BOOT COLOR |
|--------------|-------|-------------|-------------|---------------|------------|
| 205KAN9GA-MM | LC    | Multimode   | 900µm       | Beige         | White      |
| 205KAN9FA-MM | SC    | Multimode   | 900µm       | Beige         | White      |
| 205KAN9EA-MM | ST    | Multimode   | 900µm       | Metallic      | Gray       |
| 205KAN9GA-SM | LC    | Single-Mode | 900µm       | Blue          | White      |
| 205KAN9FA-SM | SC    | Single-Mode | 900µm       | Blue          | White      |
| 205KAN9EA-SM | ST    | Single-Mode | 900µm       | Metallic      | White      |



205KAN9GA-SM



85400011

### Accessories for Q-Series Anaerobic Connectors

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 85400010 | Contains All Tools Necessary for Complete LC, ST and SC Anaerobic Terminations: contractor bag, micro strip tool, scribe tool, jacket strip tool, scissors, cut length templates, polishing pad, polishing pucks, microscope                                                           |
| 85400011 | Anaerobic Field Installable Connector Single-Mode Polishing Kit; Consumables necessary for complete LC, ST and SC terminations: dry wipes, dispensing tips, syringe, type G polishing paper, type F polishing paper, type M polishing paper, terminates approximately (100) connectors |
| 85400012 | Anaerobic Field Installable Connector Multimode Polishing Kit; Consumables necessary for Complete LC, ST and SC Terminations: dry wipes, dispensing tips, syringe, type G polishing paper, type F polishing paper, terminates approximately (100) connectors                           |
| 70600021 | Adhesive, Field Termination                                                                                                                                                                                                                                                            |
| 70600022 | Primer, Field Termination                                                                                                                                                                                                                                                              |



70600021



70600022



# FIBER OPTIC SOLUTIONS

## Connector Part Number Matrix

**PART NO.** 205KABCDE-GGH-X

**NOTE:** (205K) is the prefix for all connectors, (-X) only used for Keyed LC connectors

| A                        | B              | C         | D               | E           | - | GG                  | H              | - | X          |             |
|--------------------------|----------------|-----------|-----------------|-------------|---|---------------------|----------------|---|------------|-------------|
| A = Anaerobic            | F= Fusion      | 2 = 2.0mm | E = ST (MM)     | A = Pack 1  |   | 09 = 9um (SM)       | E = 50um OM4   |   | A = Pink   | G = Gray    |
| N = Mechanical or Fusion | N = Anaerobic  | 3 = 3.0mm | F = SC (MM)     | B = Pack 25 |   | 50 = 50um (MM)      | T = 50um OM3   |   | B = White  | H = Cobalt  |
| K = Keyed                | T = Mechanical | 9 = 900um | G= LC (MM)      | D = Pack 50 |   | 62 = 62.5um (MM)    | W = 50um OM5   |   | C = Yellow | J= Brown    |
|                          |                |           | Q = ST (SM)     |             |   | MM = Anaerobic (MM) | None = Default |   | D = Red    | K=Turquoise |
|                          |                |           | R = SC (SM)     |             |   | SM = Anaerobic (SM) |                |   | E = Orange | L= Magenta  |
|                          |                |           | S = LC (SM)     |             |   |                     |                |   | F = Violet | M = Olive   |
|                          |                |           | L = SC (SM APC) |             |   |                     |                |   |            |             |
|                          |                |           | M = LC (SM APC) |             |   |                     |                |   |            |             |

## Keyed LC

For critical networks, the security and integrity of your information simply cannot be compromised. To build a secure network that protects sensitive data and classified information, you need a cabling solution that will help protect computer systems and networks from outside intrusion and internal abuse. Legrand Keyed LC Fiber Solutions do just that, by preventing inadvertent or unauthorized access to optical fiber network ports.

Legrand keyed LC fiber solutions provide a simple and convenient way to physically prevent the user from making an unauthorized connection by blocking access to specific optical ports, whether they are at a workstation outlet or in a telecommunications room or data center. This is particularly important for government, finance, military and other facilities where multiple networks having different security level access requirements may be co-located.

### Features & Benefits:

- Up to twelve unique keying options/colors for a wide range of network security systems, easy identification and network management. A universal option is provided for keyed LC adapters. Keyed LC patchcords are also available.
- Keyed workstation adapter modules are available for TracJack and High-Density Jack (HDJ) style Face plates and surface mount boxes for complete system design flexibility.
- Keyed LC adapters have the option to be keyed in the front only (user's side) or on both sides (user's and technician's) depending on the security requirements.
- All Legrand keyed LC fiber products are engineered to be compatible with other Legrand products to provide an end to end, data center to desktop solution.
- Legrand keyed LC solutions provide physical separation of multiple networks for high security applications. Color coded keys allow easy identification and facilitate network administration.

## Keyed Splice-On Connector – Premium Solutions

| PART NO.        | DESCRIPTION                                                                               |
|-----------------|-------------------------------------------------------------------------------------------|
| 205KKF9GA-50E-X | Infinium Keyed LC Splice-On Connector (SOC) For 900µm Fiber, Multimode OM4 (Pack of 6)    |
| 205KKF9SA-09-X  | Infinium Keyed LC Splice-On Connector (SOC) For 900µm Fiber, Single-Mode OS2 (Pack of 6)  |
| 205KKF9GD-50E-X | Infinium Keyed LC Splice-On Connector (SOC) For 900µm Fiber, Multimode OM4 (Pack of 50)   |
| 205KKF9SD-09-X  | Infinium Keyed LC Splice-On Connector (SOC) For 900µm Fiber, Single-Mode OS2 (Pack of 50) |



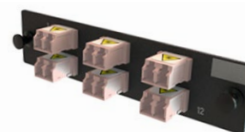
205KKF9SA-H

# FIBER OPTIC SOLUTIONS

## Keyed LC

### Keyed Q-Series OFP Adapters – For Q-Series Enclosure Platforms – Standard Solutions

| PART NO.      | DESCRIPTION                                                                             |
|---------------|-----------------------------------------------------------------------------------------|
| OFP-LCD16ZC X | Q-Series OFP Keyed Front Keyed Rear Adapter Panel, 8 LC Duplex Adapters, 16 Fibers      |
| OFP-LCD12ZC X | Q-Series OFP Keyed Front Keyed Rear Adapter Panel, 6 LC Duplex Adapters, 12 Fibers      |
| OFP-LCD24ZC X | Q-Series OFP Keyed Front Keyed Rear Adapter Panel, 12 LC Duplex Adapters, 24 Fibers     |
| OFP-LCD16YC X | Q-Series OFP Keyed Front Non-Keyed Rear Adapter Panel, 8 LC Duplex Adapters, 16 Fibers  |
| OFP-LCD12YC X | Q-Series OFP Keyed Front Non-Keyed Rear Adapter Panel, 6 LC Duplex Adapters, 12 Fibers  |
| OFP-LCD24YC X | Q-Series OFP Keyed Front Non-Keyed Rear Adapter Panel, 12 LC Duplex Adapters, 24 Fibers |



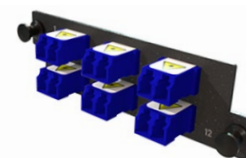
OFP-LCD12ZC-A

TABLE OF  
CONTENTS

COPPER

### Keyed Infinium HDFP Adapters – For Infinium HD-E Enclosure and Panel Platforms – Premium Solutions

| PART NO.       | DESCRIPTION                                                                            |
|----------------|----------------------------------------------------------------------------------------|
| HDFP-LCD16ZC X | Infinium HDFP Adapter Panel, 8 Keyed Front Keyed Rear LC Duplex Adapters, 16 Fiber     |
| HDFP-LCD12ZC X | Infinium HDFP Adapter Panel, 6 Keyed Front Keyed Rear LC Duplex Adapters, 12 Fiber     |
| HDFP-LCD16YC X | Infinium HDFP Adapter Panel, 8 Keyed Front Non-Keyed Rear LC Duplex Adapters, 16 Fiber |
| HDFP-LCD12YC X | Infinium HDFP Adapter Panel, 6 Keyed Front Non-Keyed Rear LC Duplex Adapters, 12 Fiber |



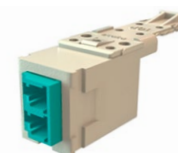
HDFP-LCD12ZC-H

FIBER

OPTICS

### Keyed HDFM Workstation Adapters – For HDJ Modular Panel – Premium Solutions

| PART NO.     | DESCRIPTION                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------|
| HDFM-KLC2C X | Infinium HDFM Fiber Module, Keyed Front Keyed Rear LC Duplex (2 Fibers), HDJ Insert, Fog White Housing     |
| HDFM-HLC2C X | Infinium HDFM Fiber Module, Keyed Front Non-Keyed Rear LC Duplex (2 Fibers), HDJ Insert, Fog White Housing |



HDFM-HLC2CK

PHYSICAL  
SUPPORT

NOTE: For HDFM Only - Standard housing color is Fog White. For Black housing add -00 to the end of the Part Number.

FOR ALL KEYED LC PRODUCTS – TO CHOOSE COLORS REPLACE X WITH THE COLOR SUFFIX FROM THE CHART BELOW.

| A    | B     | C      | D   | E      | F      | G    | H    | J     | K    | L       | M     | U     |
|------|-------|--------|-----|--------|--------|------|------|-------|------|---------|-------|-------|
| Rose | White | Yellow | Red | Orange | Violet | Gray | Blue | Brown | Aqua | Magenta | Olive | Black |

NOTE: Keyed Splice-On Connectors are not available in Black (suffix U).

CABLOFIL

INDEX

# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### High Density Jacks – Fiber Workstation Solutions

(Rear Loading, Compatible HDFM Fiber Workstations And All Other HDJ platform Solutions).

#### Features:

- Premium performance
- Rear Loading

### HDJ Workstation Face Plates – Premium Solutions

HDJ wall plates are supplied with labeling fields and mounting hardware. Accepts rear-loading HDJ series jacks or modules. Works with HDFM fiber modules.

| PART NO.     | DESCRIPTION                              |
|--------------|------------------------------------------|
| 403HDJ11-XX  | 1-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ12-XX  | 2-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ13-XX  | 3-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ14-XX  | 4-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ16-XX  | 6-Port Face Plate, HDJ Jack, Single-Gang |
| 403HDJ212-XX | 12-Port Face Plate, HDJ Jack, Dual-Gang  |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 78 (Gray), 88 (White), 99\* (Wiremold Ivory) .

\* MOQ required, contact customer service.



403HDJ12

### HDJ Workstation Surface Mount Boxes – Premium Solutions

Compatible with HDJ series jacks and modules. Label field, screws and double-sided adhesive tape are included for mounting onto almost any surface.

| PART NO.   | DESCRIPTION                                        |
|------------|----------------------------------------------------|
| 404HDJ1-XX | 1-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ2-XX | 2-Port HDJ Plastic Surface Mount Box, Plenum Rated |
| 404HDJ4-99 | 4-Port HDJ Plastic Surface Mount Box, Ivory        |
| 404HDJ4-XX | 4-Port HDJ Plastic Surface Mount Box               |
| 404HDJ6-XX | 6-Port HDJ Plastic Surface Mount Box               |

NOTE: Includes snap-in label fields.

Remove -XX for Fog White, for other colors, replace XX with 88 (White).



404HDJ1

## HDFM Adapter Panel Inserts – Premium Solutions

Infinium HDFM Adapter Panels offer pass through connections and rear-loading access for Infinium High Density or HDJ modular panels.

| ITEM NO.        | CONNECTOR STYLE | FIBER TYPE                 | FIBER COUNT | COLOR  | PACK COUNT |
|-----------------|-----------------|----------------------------|-------------|--------|------------|
| HDFM-FLC2CA-00  | LC              | OS2                        | 2           | Blue   | 1          |
| HDFM25FLC2CA-00 | LC              | OS2                        | 2           | Blue   | 25         |
| HDFM-FLC2CC-00  | LC APC          | OS2                        | 2           | Green  | 1          |
| HDFM25FLC2CC-00 | LC APC          | OS2                        | 2           | Green  | 25         |
| HDFM-FLC2CM-00  | LC              | OM1                        | 2           | Beige  | 1          |
| HDFM-FLC2CL-00  | LC              | OM3/OM4                    | 2           | Aqua   | 1          |
| HDFM-FLC2CQ-00  | LC              | OM5                        | 2           | Lime   | 1          |
| HDFM25FLC2CL-00 | LC              | OM3/OM4                    | 2           | Aqua   | 25         |
| HDFM25FLC2CQ-00 | LC              | OM5                        | 2           | Lime   | 25         |
| HDFM-FLC2CB-00  | LC              | All                        | 2           | Orange | 1          |
| HDFM25FLC2CB-00 | LC              | All                        | 2           | Orange | 25         |
| HDFM-FLC2CF-00  | LC              | All                        | 2           | White  | 1          |
| HDFM25FLC2CF-00 | LC              | All                        | 2           | White  | 25         |
| HDFM-FLC2CG-00  | LC              | All                        | 2           | Red    | 1          |
| HDFM25FLC2CG-00 | LC              | All                        | 2           | Red    | 25         |
| HDFM-FLC2CH-00  | LC              | All                        | 2           | Black  | 1          |
| HDFM25FLC2CH-00 | LC              | All                        | 2           | Black  | 25         |
| HDFM-FLC2CI-00  | LC              | All                        | 2           | Yellow | 1          |
| HDFM25FLC2CI-00 | LC              | All                        | 2           | Yellow | 25         |
| HD6FM-FLC2CA-00 | LC              | OS2                        | 12          | Blue   | 1          |
| HD6FM-FLC2CC-00 | LC APC          | OS2                        | 12          | Green  | 1          |
| HD6FM-FLC2CM-00 | LC              | OM1                        | 12          | Beige  | 1          |
| HD6FM-FLC2CL-00 | LC              | OM3/OM4                    | 12          | Aqua   | 1          |
| HD6FM-FLC2CQ-00 | LC              | OM5                        | 12          | Lime   | 1          |
| HDFM-FSC1CA-00  | SC              | OS2                        | 1           | Blue   | 1          |
| HDFM-FSC1CC-00  | SC APC          | OS2                        | 1           | Green  | 1          |
| HDFM-FSC1CM-00  | SC              | OM1                        | 1           | Beige  | 1          |
| HDFM-FSC1CL-00  | SC              | OM3/OM4                    | 1           | Aqua   | 1          |
| HDFM-FSC1CG-00  | SC              | All                        | 1           | Red    | 1          |
| HDFM-FSC1CI-00  | SC              | All                        | 1           | Yellow | 1          |
| HD6FM-FSC1CA-00 | SC              | OS2                        | 6           | Blue   | 1          |
| HD6FM-FSC1CC-00 | SC APC          | OS2                        | 6           | Green  | 1          |
| HD6FM-FSC1CM-00 | SC              | OM1                        | 6           | Beige  | 1          |
| HD6FM-FSC1CL-00 | SC              | OM3/OM4                    | 6           | Aqua   | 1          |
| HDFM-FMTZNA-00  | MPO             | OS2                        | 12          | Blue   | 1          |
| HDFM25FMTZNA-00 | MPO             | OS2                        | 12          | Blue   | 25         |
| HDFM-FMTZNC-00  | MPO             | OS2                        | 12          | Green  | 1          |
| HDFM-FMTZNF-00  | MPO             | OM5                        | 12          | White  | 1          |
| HDFM25FMTZNF-00 | MPO             | OM5                        | 12          | White  | 25         |
| HDFM-FMTZNM-00  | MPO             | OM1                        | 12          | Beige  | 1          |
| HDFM-FMTZNL-00  | MPO             | OM3/OM4                    | 12          | Aqua   | 1          |
| HDFM-FMTZNN-00  | MPO             | OM4+                       | 12          | Violet | 1          |
| HD6FM-FMPZAA-00 | MPO             | OS2                        | 72          | Blue   | 1          |
| HD6FM-FMPZAC-00 | MPO             | OS2                        | 72          | Green  | 1          |
| HD6FM-FMPZAF-00 | MPO             | OM5                        | 72          | White  | 1          |
| HD6FM-FMPZAM-00 | MPO             | OM1                        | 72          | Beige  | 1          |
| HD6FM-FMPZAL-00 | MPO             | OM3/OM4                    | 72          | Aqua   | 1          |
| HDFM-FMTZNH-00  | MPO             | All                        | 12          | Black  | 1          |
| HDFM-FMTZNG-00  | MPO             | All (24)                   | 24          | Red    | 1          |
| HDFM-FMTZNE-00  | MPO             | All (Type B – Aligned Key) | 12          | Gray   | 1          |
| HD6FM-FMPZDE-00 | MPO             | All (Type B – Aligned Key) | 72          | Gray   | 1          |

# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### TracJack – Unshielded (UTP) – Premium Solutions

(Front Loading, Compatible TracJack Fiber Adapters And All Other TracJack Platform Solutions)

#### Features:

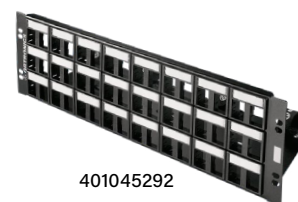
- Premium performance
- Rear Loading

### TracJack Panels – Premium Solutions

(Front Loading)

TracJack Panels are available in LC, SC, ST, MT-RJ, CAT5E, CAT6 and CAT6A, featuring 110 IDC termination with label field for port ID.

| PART NO.  | DESCRIPTION                                  |
|-----------|----------------------------------------------|
| 401045289 | Panel 16-Port TracJack Bezel 1.75 in X 19 in |
| 401045290 | Panel 24-Port TracJack Bezel 3.5 in X 19 in  |
| 401045291 | Panel 32-Port TracJack Bezel 3.5 in X 19 in  |
| 401045292 | Panel 48-Port TracJack Bezel 5.25 in X 19 in |



401045292

### TracJack Plastic Face Plates – Premium Solutions

Face Plates accept TracJack series jacks with label fields and front loading TracJack modules.

| PART NO.     | DESCRIPTION                                    |
|--------------|------------------------------------------------|
| 40300545-XX  | 6-Port TracJack Single-Gang Plastic Face Plate |
| 40300546-XX  | 4-Port TracJack Single-Gang Plastic Face Plate |
| 40300547-XX  | 3-Port TracJack Single-Gang Plastic Face Plate |
| 40300548-XX  | 2-Port TracJack Single-Gang Plastic Face Plate |
| 40300549-XX  | 1-Port TracJack Single-Gang Plastic Face Plate |
| 40300554-XX  | 8-Port TracJack Dual-Gang Plastic Face Plate   |
| 40300555-XX* | 6-Port TracJack Dual-Gang Plastic Face Plate   |
| 40300620-XX  | 12-Port TracJack Dual-Gang Plastic Face Plate  |



40300546

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 88 (White).

\*Also available in 99 (Wiremold Ivory)

# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### TracJack Stainless Steel Face Plates

Face Plates accept TracJack series jacks and front loading TracJack modules.

| PART NO.  | DESCRIPTION                                             |
|-----------|---------------------------------------------------------|
| 403STJ11  | 1-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ12  | 2-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ13  | 3-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ14  | 4-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ16  | 6-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ28  | 8-Port TracJack Single-Gang Stainless Steel Face Plate  |
| 403STJ212 | 12-Port TracJack Double-Gang Stainless Steel Face Plate |
| 403STJ1WP | Wall Phone TJ Stainless Steel Face Plate                |



403STJ12

### TracJack Workstation Surface Mount Boxes

Compatible with TracJack series jacks. Product dimensions are listed by length, width and height.

| PART NO.     | DESCRIPTION                                                              |
|--------------|--------------------------------------------------------------------------|
| 404TJ1 -XX   | 1-Port TracJack, Plenum Rated                                            |
| 404TJ2 -XX   | 2-Port TracJacks, 2.59 in x 2.27 in x 1.20 in, Plenum Rated              |
| 404TJ2X2 -XX | 4-Port TracJacks, 4.0 in x 2.42 in x 1.16 in, Jacks Exit from Both Sides |
| 404TJ4 -XX   | 4-Port TracJacks, 4.80 in X 3.6 in X 1.16 in                             |
| 404TJ6 -XX   | 6-Port TracJacks, 7 in X 4.5 in X 1.16 in                                |

NOTE: Remove -XX for Fog White, for other colors, replace XX with 00 (Black), 13 (Ivory), 88 (White).



404TJ2X2



# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### TracJack Workstation Bezels

Legrand® offers TracJack® plates for most furniture systems. Plates easily snap mount into furniture, requiring no special tools. Plates are ruggedly constructed from high impact thermo-plastic 94V-0 rated.

| PART NO.                                                     | DESCRIPTION                                                                                             |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 40300575-XX                                                  | 6-Port for Opening Size of 1.89 in x 2.99 in (+0.015) for 0.063 in Thick Material                       |
| 40300576                                                     | Holds (6) TracJacks, Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Fog White |
| 40300577                                                     | Holds (4) TracJacks, Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Fog White |
| 40300577-00                                                  | Holds (4) TracJacks, Furniture Openings 2.35 in x 3.41 in (+.015) for .125 in Thick Material, Black     |
| 40300633-XX                                                  | 4-Port for Opening of 2.67–2.75 in x 1.34–1.41 in for 0.065 in Thick Material                           |
| 40800017-XX                                                  | 106 Baseplate, Holds (2) TracJacks                                                                      |
| 40800019-XX                                                  | 106 Baseplate, Holds (4) TracJacks                                                                      |
| 41900017-XX                                                  | Stylistic TracJack Frame, Single Gang 3-Port cover, 2.75 in x 4.5 in                                    |
| 41900018-XX*                                                 | Stylistic TracJack Frame, Single Gang 4-Port cover, 4.5 in x 4.5 in                                     |
| 421TJ3.5-XX                                                  | 3-Port Furniture Plate                                                                                  |
| 42100009-XX                                                  | 3-Port Adapter Plate, Front Loadable                                                                    |
| 42100054-XX                                                  | 3-Port Adapter Plate, Rear Loadable, 5 pack                                                             |
| <b>Products below must be used with 42100009 or 42100054</b> |                                                                                                         |
| 40700071                                                     | 0.125 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening                          |
| 40700072                                                     | 0.625 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening                          |
| 40700073                                                     | 1.0 in Deep Bezel Mounts Adapter Plate to 2.71 in x 1.38 in (+0.035) Opening                            |

NOTE: Remove -XX for Fog White, for other colors replace XX with 00 (Black), 88 (White).

\*Also available in 99 (Wiremold Ivory).



40300575

### TracJack Fiber Inserts – Premium Solutions

TracJack® footprint is front loading and supports a number of data or AV modules. It's ideal for combining A/V with our high performance Clarity® workstation products.

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| 42100002-XX | TracJack Blank, 10 pack         |
| 63700011-XX | TracJack, ST, Metal             |
| 63700012-XX | TracJack, ST, Ceramic, SM       |
| 63700013-XX | TracJack, 2/ST, Metal           |
| 63700017-XX | TracJack, SC, DX, Beige Adapter |
| 63700026-XX | TracJack, MT-RJ, Beige Adapter  |
| 63700039-XX | TracJack, LC, DX, Beige Adapter |
| 63700051-XX | TracJack, SC, DX, Beige Adapter |
| 63700066-XX | TracJack, SC, DX                |
| 63700067-XX | TracJack, SC, DX, Ceramic       |
| 63700076-XX | TracJack, LC, DX, Blue Adapter  |
| 63700079-XX | TracJack, SC, DX, Blue Adapter  |
| 63700080-XX | TracJack, LC, DX, Aqua Adapter  |
| 63700081-XX | TracJack, SC, DX, Aqua Adapter  |
| 63700082-XX | TracJack, SC, DX, Aqua Adapter  |

NOTE: Remove -XX for Fog White, for other colors replace XX with 00 (Black), 13 (Ivory), 26 (Light Blue), 68 (Light Gray), 78 (Dark Gray), 88 (White), 99 (Wiremold Ivory). Colors and lead times may vary, contact customer service for availability.



63700080

# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### TracJack Workstation Icons – Premium Solutions

Color-coded designation icons are for port identification and install directly on TracJack jacks, 100pk.

| PART NO. | DESCRIPTION                     |
|----------|---------------------------------|
| 40309500 | TracJack Icon, Blank, Fog White |
| 40313200 | TracJack Icon, Data, Ivory      |
| 40322200 | TracJack Icon, Data, Lt Red     |
| 40322500 | TracJack Icon, Blank, Lt Red    |
| 40323200 | TracJack Icon, Data, Lt Orange  |
| 40323500 | TracJack Icon, Blank, Lt Orange |
| 40324200 | TracJack Icon, Data, Lt Yellow  |
| 40324500 | TracJack Icon, Blank, Lt Yellow |
| 40325200 | TracJack Icon, Data, Lt Green   |
| 40325500 | TracJack Icon, Blank, Lt Green  |
| 40326200 | TracJack Icon, Data, Lt Blue    |
| 40326500 | TracJack Icon, Blank, Lt Blue   |
| 40327200 | TracJack Icon, Data, Purple     |
| 40327500 | TracJack Icon, Blank, Purple    |
| 40328200 | TracJack Icon, Data, Lt Gray    |
| 40336500 | TracJack Icon, Blank, Dark Blue |
| 40343200 | TracJack Icon, Data, Orange     |



40324200  
Assorted Workstation Icons

# FIBER OPTIC SOLUTIONS

## Fiber Workstation Solutions

### Fib-or-Cop II

Fib-or-Cop II offers greater capacity, accommodating up to 12 fiber connections with protected exit from the bottom and six copper connections, either TracJack® or Series II®. This is a truly segregated design, which allows access to one media without impacting the other. Bottom-exiting connections can be further protected with an optional snap-on shroud.

| PART NO. | DESCRIPTION                                                                          |
|----------|--------------------------------------------------------------------------------------|
| 62100041 | Base and Cover for (6) TracJacks, 5 in x 8 in x 1.19 in                              |
| 62100040 | Base and Cover for (3) Series II Modules, 5 in x 8 in x 1.19 in                      |
| 62100037 | Pack of (5) Bottom Adapter Plates for (4) TracJack Modules                           |
| 62100038 | Pack of (5) Protective Bottom Shrouds                                                |
| 62100044 | 3-ST Duplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves  |
| 62100045 | 3-ST Duplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves         |
| 62100046 | 6-SC Simplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves |
| 62100047 | 6-SC Simplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves        |
| 62100048 | 3-SC Duplex (6-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves  |
| 62100049 | 3-SC Duplex (6-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves         |
| 62100050 | 6-LC Duplex (12-Fibers) Multimode, Beige Adapters, Phosphor-Bronze Alignment Sleeves |
| 62100051 | 6-LC Duplex (12-Fibers) Single-Mode, Blue Adapters, Ceramic Alignment Sleeves        |



62100041



62100050

## TABLE OF CONTENTS

COPPER

## FIBER

## OPTICS

## PHYSICAL SUPPORT

CABLOFIL

INDEX

# OPTICS SOLUTIONS

Legrand optics are BAA & TAA compliant and are capable of all the functions and features supported by their OEM counterparts. As demand for optics continues to increase, meeting the demand of the market has become strained causing customers to depend more on third party. Third-party optics (Transceiver, DAC, and AOC) adoption has been well received due to Third-party's longer warranty period, immense product offering, fast turn time, superior lifespan, and the dramatically lower price. All of this quickens the return on investment and drives further growth.

When choosing optics take advantage of the economics of third-party solutions without compromising. Legrand is the preeminent third-party optics partner in this rapidly growing market. Legrand's third-party offering is engineered and rigorously tested in the United States and backed by a lifetime warranty and the best customer support in the industry.

## Interoperability

- Tier 1 Quality
- 100% Compatible with OEM Equipment
- Extended Specifications
- Re-Programmable

## Quality and Reliability

- .001% Failure Rate
- Coded and Tested in the United States
- BAA & TAA Compliant
- Lifetime Warranty

## Price & Availability

- 70-90% Savings Over OEM
- \$10s of Millions On Hand Inventory
- 24-48 Hour Drop Ship
- Sample Program

Please Note: Due to the rapidly changing Optics landscape please refer to [legrand.us](http://legrand.us) for all the latest information and updates.

# OPTICS SOLUTIONS

Legrand Transceivers

## Finding The Right Transceiver

With more than 265 transceivers, Active Optical cables, and direct attach cables in stock, and over 4000 others available for shipping within 1-3 business days – finding the right transceiver for any application is fast and simple.

Our Optics are compatible with these OEMs and more:

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>39580</b><br><br><b>QSFP28</b> <ul style="list-style-type: none"> <li>High speed 100-Gb connectivity</li> <li>Maximum connections up to 10km</li> </ul>                             | <b>39763</b><br><br><b>CFP2</b> <ul style="list-style-type: none"> <li>High speed 100-Gb connectivity</li> <li>Maximum connections up to 10km</li> </ul>                                                         | <b>39586</b><br><br><b>CFP</b> <ul style="list-style-type: none"> <li>High Speed 100-Gb connectivity</li> <li>Maximum connections up to 10km</li> </ul>                                 |
| <b>QSFP40GBASESR4-LEG</b><br><br><b>QSFP+</b> <ul style="list-style-type: none"> <li>High speed 40-Gb connectivity</li> <li>Maximum connections up to 10km</li> </ul>                  | <b>EX-XFP-10GE-LR-LEG</b><br><br><b>XFP</b> <ul style="list-style-type: none"> <li>10-Gb connectivity</li> <li>Maximum connections up to 300m or 10km</li> </ul>                                                 | <b>AGM731F-LEG</b><br><br><b>SFP</b> <ul style="list-style-type: none"> <li>100-Mb to 1-Gb connectivity</li> <li>Maximum connections of 300m or 120km</li> </ul>                       |
| <b>SFP-10G-SR-LEG</b><br><br><b>SFP+</b> <ul style="list-style-type: none"> <li>10-Gb connectivity</li> <li>Maximum connections up to 550m or 80km</li> </ul>                        | <b>453154-B21-LEG</b><br><br><b>COPPER SFP</b> <ul style="list-style-type: none"> <li>10-Mb, 100-Mb, and 1-Gb connectivity</li> <li>Maximum connections up to 100m</li> </ul>                                  | <b>WS-G5484-LEG</b><br><br><b>GBIC</b> <ul style="list-style-type: none"> <li>100-Mb and 1-Gb connectivity</li> <li>Maximum connections of 100m or 10km</li> </ul>                   |
| <b>QSFP40GAOC7M-LEGa</b><br><br><b>AOC (SFP+, QSFP+, QSFP28)</b> <ul style="list-style-type: none"> <li>10 to 100-Gb connectivity</li> <li>Maximum connections up to 100m</li> </ul> | <b>QSFP40GADAC10M-LEG</b><br><br><b>QSFP+ &amp; QSFP28 DAC</b> <ul style="list-style-type: none"> <li>High speed 40-100Gb connectivity</li> <li>Maximum connections up to 7m Passive and 10m Active</li> </ul> | <b>SFP-10G-PDAC1M-LEGa</b><br><br><b>SFP + DAC</b> <ul style="list-style-type: none"> <li>10-Gb connectivity</li> <li>Maximum connections up to 7m Passive and 15m Active</li> </ul> |



## Notes

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## Notes

TABLE OF CONTENTS

COPPER

FIBER

## OPTICS

## PHYSICAL SUPPORT

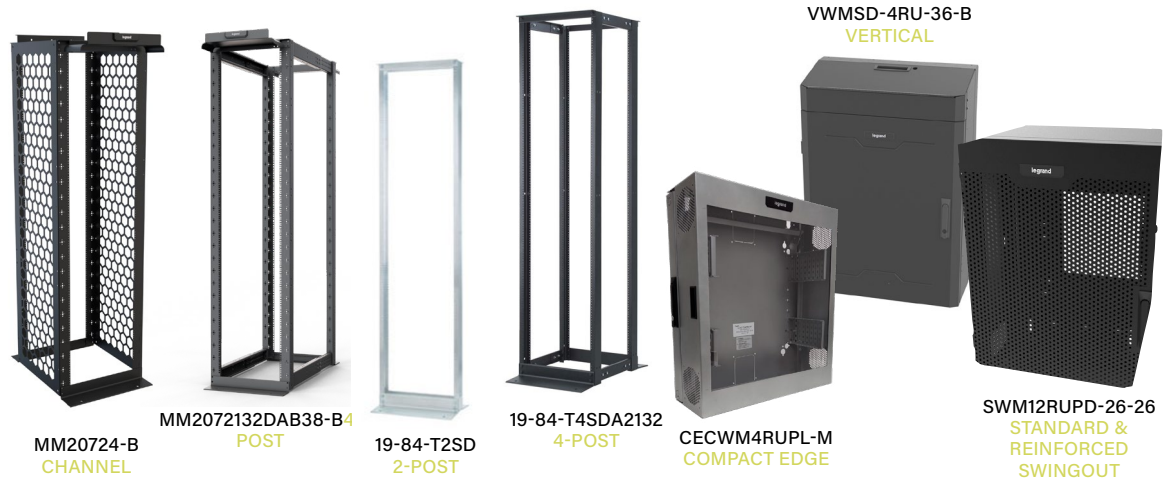
CABLOFIL

INDEX

# PHYSICAL SUPPORT SOLUTIONS

Our network racks, server racks, wall mount cabinets, and cable pathways are engineered with cable management and installation efficiency as the basis of their design. These physical support solutions include the renowned Mighty Mo family of racks, our standard EIA line of racks, the innovative Compact Edge Cabinet, and other wall mount enclosures, providing a variety of choices to meet the needs of every installation. No other systems make it easier to install a network with standards-compliant bend radius, cable routing and strain relief – ensuring optimal network performance.

# PHYSICAL SUPPORT SOLUTIONS



| Platform                      | MIGHTY MO® 20 RACKS                                                                                                                                        |                                                                                                                                                                    | STANDARD EIA RACKS                                                                                                                     |                                                                                                                                                        | WALL MOUNT CABINETS                                                                                                                                                             |                                                                                                                                         |                                                                                                                                                                                           |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vertical Managers             | VML, VMS, VMD                                                                                                                                              |                                                                                                                                                                    | DVMS, QVMD                                                                                                                             |                                                                                                                                                        | No                                                                                                                                                                              | No                                                                                                                                      | Yes                                                                                                                                                                                       |
| Applications                  | Data Center, Telco Room, Data/Computer Closets, IDF/MDF, Facilities, Building Networks, Edge                                                               |                                                                                                                                                                    | Data/Computer Closets, IDF/MDF, Facilities                                                                                             |                                                                                                                                                        | 5G, Edge, Building Networks, Data Center, Telco Room, Data/Computer Closets, IDF/MDF, Facilities                                                                                |                                                                                                                                         |                                                                                                                                                                                           |
| Key Features                  | <ul style="list-style-type: none"> <li>• Distribution cable management</li> <li>• Leading vertical managers</li> <li>• Optimized power mounting</li> </ul> | <ul style="list-style-type: none"> <li>• Rail adjustability after installation</li> <li>• Leading vertical managers</li> <li>• Optimized power mounting</li> </ul> | <ul style="list-style-type: none"> <li>• Self-squaring</li> <li>• Side button key holes</li> <li>• RU numbering and marking</li> </ul> | <ul style="list-style-type: none"> <li>• Quickest setup with patented Speednut</li> <li>• Self-squaring</li> <li>• RU numbering and marking</li> </ul> | <ul style="list-style-type: none"> <li>• Ultra-low profile</li> <li>• Back-pan mounted equipment</li> <li>• Full enclosure opening</li> <li>• Vertical rack mounting</li> </ul> | <ul style="list-style-type: none"> <li>• Low profile</li> <li>• Deep equipment mounting</li> <li>• Pivoting patching RU rail</li> </ul> | <ul style="list-style-type: none"> <li>• Dual hinging for maximum access</li> <li>• Reversible rails for network or server configuration</li> <li>• Versatile cable management</li> </ul> |
| RU Capacity                   | 45, 51                                                                                                                                                     | 45, 51                                                                                                                                                             | 45, 51                                                                                                                                 | 45, 51                                                                                                                                                 | 4, 8                                                                                                                                                                            | 4, 8                                                                                                                                    | 12, 18, 26                                                                                                                                                                                |
| UL 2416 Weight Capacity (lbs) | 2000                                                                                                                                                       | 2000                                                                                                                                                               | 750*                                                                                                                                   | 1000*                                                                                                                                                  | 135                                                                                                                                                                             | 150                                                                                                                                     | 125 - 350                                                                                                                                                                                 |
| UL 2416 Bonded                | Yes                                                                                                                                                        | Yes                                                                                                                                                                | No                                                                                                                                     | No                                                                                                                                                     | Yes                                                                                                                                                                             | Yes                                                                                                                                     | Yes                                                                                                                                                                                       |
| Height                        | 7 ft, 8 ft                                                                                                                                                 | 7 ft, 8 ft                                                                                                                                                         | 7 ft, 8 ft                                                                                                                             | 7 ft, 8 ft                                                                                                                                             | 26.6 in                                                                                                                                                                         | 36, 42 in                                                                                                                               | 25, 36, 50 in                                                                                                                                                                             |
| Width                         | 23.75 in                                                                                                                                                   | 23.75 in                                                                                                                                                           | 20.25 in                                                                                                                               | 20.25 in                                                                                                                                               | 23.25 in                                                                                                                                                                        | 25 in                                                                                                                                   | 26 in                                                                                                                                                                                     |
| Depth                         | Channel Depth 6.5 – 30 in                                                                                                                                  | Max Rail Space 30, 36, 42 in                                                                                                                                       | 3, 6 in                                                                                                                                | Max RailSpace 20, 32 in                                                                                                                                | 8 in                                                                                                                                                                            | 12, 18 in                                                                                                                               | 26 in                                                                                                                                                                                     |
| Color                         | Black, White                                                                                                                                               | Black, White                                                                                                                                                       | Black, Clear                                                                                                                           | Black                                                                                                                                                  | Magnesium, Black, White                                                                                                                                                         | Black                                                                                                                                   | Black                                                                                                                                                                                     |

\* Not UL Certified

TABLE OF CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL SUPPORT

CABLOFIL

INDEX

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Channel Racks

Mighty Mo 20 channel racks are designed to provide greater flexibility and optimum efficiency to any size network. The top trough with built-in waterfall provides bend radius control and efficient patch cable routing. Honeycomb side rails on all depth channel racks provide the ultimate in distribution cable management. The honeycomb side rails, combined with airflow baffles, create a patented system that manages intake and exhaust air from side-vented equipment.

| PART NO.    | RACK UNIT    | CHANNEL DEPTH | RAIL TYPE              |
|-------------|--------------|---------------|------------------------|
| MM20706-X   | 45 RU (7 ft) | 6.5 in        | Tapped #12-24          |
| MM20710-X   | 45 RU (7 ft) | 10.5 in       | Tapped #12-24          |
| MM20716-X   | 45 RU (7 ft) | 16.25 in      | Tapped #12-24          |
| MM20724-X   | 45 RU (7 ft) | 24 in         | Tapped #12-24          |
| MM2072438-X | 45 RU (7 ft) | 24 in         | Punched, 3/8 in Square |
| MM20730-X   | 45 RU (7 ft) | 30 in         | Tapped #12-24          |
| MM2073038-X | 45 RU (7 ft) | 30 in         | Punched, 3/8 in Square |
| MM20810-X   | 51 RU (8 ft) | 10.5 in       | Tapped #12-24          |
| MM20816-X   | 51 RU (8 ft) | 16.25 in      | Tapped, #12-24         |
| MM20824-X   | 51 RU (8 ft) | 24 in         | Tapped #12-24          |
| MM2082438-X | 51 RU (8 ft) | 24 in         | Punched, 3/8 in Square |
| MM20830-X   | 51 RU (8 ft) | 30 in         | Tapped #12-24          |
| MM2083038-X | 51 RU (8 ft) | 30 in         | Punched, 3/8 in Square |

NOTE: For color, replace X with B (Black) or W (White).

Patent numbers: 8,130,494 and 8,256,181 and D803,789



MM20724-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

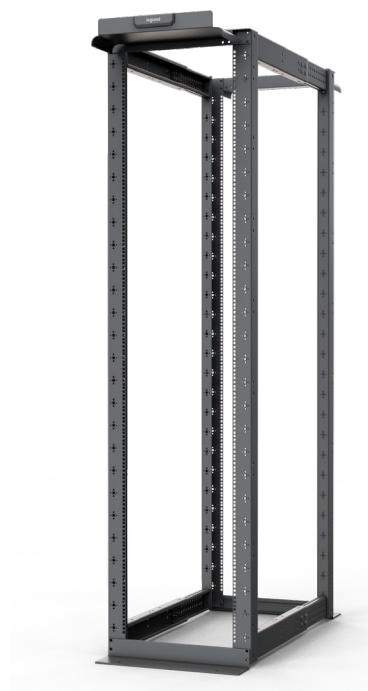
### Mighty Mo 20 Dual Adjustable Base 4-Post Racks

Mighty Mo 20 Dual Adjustable Base 4-post racks provide greater flexibility and optimum efficiency in any data center or telecom room. The base angles adjust in depth with the rails reducing the overall foot print when the rail spacing is reduced. Front and rear waterfalls allow for equipment patching and server patching. All styles of Mighty Mo 20 vertical managers can be mounted to the front or rear.

| PART NO.         | RACK UNIT | RAIL SPACING  | RAIL TYPE              |
|------------------|-----------|---------------|------------------------|
| MM2072132DAB12-X | 45        | 21 in - 32 in | Tapped #12-24          |
| MM2072132DAB38-X | 45        | 21 in - 32 in | Punched, 3/8 in Square |
| MM2073142DAB12-X | 45        | 31 in - 42 in | Tapped #12-24          |
| MM2073142DAB38-X | 45        | 31 in - 42 in | Punched, 3/8 in Square |
| MM2082132DAB12-X | 51        | 21 in - 32 in | Tapped #12-24          |
| MM2082132DAB38-X | 51        | 21 in - 32 in | Punched, 3/8 in Square |
| MM2083142DAB12-X | 51        | 31 in - 42 in | Tapped #12-24          |
| MM2083142DAB38-X | 51        | 31 in - 42 in | Punched, 3/8 in Square |

NOTE: For colors replace X with B (Black), W (White).

Patent Numbers: 8,130,494 and 8,256,181



MM2072132DAB38-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Fixed 4-Post Racks

Mighty Mo 20 4-post racks provide greater flexibility and optimum efficiency in any data center. The fixed racks provide an economical mounting platform for switches and servers. Front and rear waterfalls allow for equipment patching and server patching. All styles of Mighty Mo 20 vertical managers can be mounted front or rear and airflow baffles can be mounted to manage the airflow of side breathing equipment.

| PART NO.       | RACK UNIT   | RAIL SPACING | RAIL TYPE              |
|----------------|-------------|--------------|------------------------|
| MM20730FXD12-X | 45RU (7 ft) | 30 in        | Tapped, #12-24         |
| MM20730FXD38-X | 45RU (7 ft) | 30 in        | Punched, 3/8 in Square |
| MM20830FXD12-X | 51RU (8 ft) | 30 in        | Tapped, #12-24         |
| MM20830FXD38-X | 51RU (8 ft) | 30 in        | Punched, 3/8 in Square |

NOTE: For color, replace X with B (Black) or W (White)  
Patent numbers: 8,130,494 and 8,256,181



MM20730FXD12-B

### Mighty Mo 20 Vertical Cable Management Panels

MM20 Vertical Cable Management Panels provide an efficient way to manage rack cabling and can be mounted to MM20 in DAB and FXD 4-post racks. The unique honeycomb design allows for proper cable routing and cable bend radius control. The panels hex pattern will accept MM20 universal cable troughs, cable disks and hexguard cable protectors.

| PART NO.    | DESCRIPTION                                |
|-------------|--------------------------------------------|
| MM207VCMP-X | MM20 Vertical Cable Management Panel, 7 ft |
| MM208VCMP-X | MM20 Vertical Cable Management Panel, 8 ft |

NOTE: For colors replace X with B (Black), W (White).



MM207VCMP-B



# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

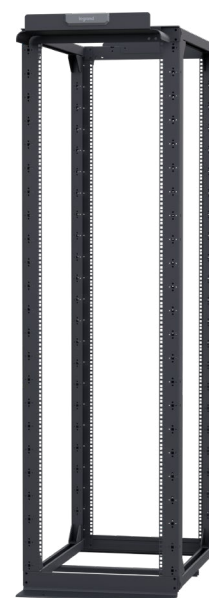
### Mighty Mo 20 Adjustable 4-Post Racks

Mighty Mo 20 4-post racks provide greater flexibility and optimum efficiency in any data center. The adjustable rack allows all 4 mounting rails to be adjusted even after the rack has been fastened to the floor. Front and rear waterfalls allow for equipment patching and server patching. All styles of Mighty Mo 20 vertical managers can be mounted front or rear and airflow baffles can be mounted to manage the airflow of side breathing equipment.

| PART NO.       | RACK UNIT    | MAXIMUM RAIL SPACING | RAIL TYPE              |
|----------------|--------------|----------------------|------------------------|
| MM20730ADJ12-X | 45 RU (7 ft) | 30 in                | Tapped, #12-24         |
| MM20730ADJ38-X | 45 RU (7 ft) | 30 in                | Punched, 3/8 in Square |
| MM20736ADJ12-X | 45 RU (7 ft) | 36 in                | Tapped, #12-24         |
| MM20736ADJ38-X | 45 RU (7 ft) | 36 in                | Punched, 3/8 in Square |
| MM20742ADJ12-X | 45 RU (7 ft) | 42 in                | Tapped, #12-24         |
| MM20742ADJ38-X | 45 RU (7 ft) | 42 in                | Punched, 3/8 in Square |
| MM20830ADJ12-X | 51 RU (8 ft) | 30 in                | Tapped, #12-24         |
| MM20830ADJ38-X | 51 RU (8 ft) | 30 in                | Punched, 3/8 in Square |
| MM20836ADJ12-X | 51 RU (8 ft) | 36 in                | Tapped, #12-24         |
| MM20836ADJ38-X | 51 RU (8 ft) | 36 in                | Punched, 3/8 in Square |
| MM20842ADJ12-X | 51 RU (8 ft) | 42 in                | Tapped, #12-24         |
| MM20842ADJ38-X | 51 RU (8 ft) | 42 in                | Punched, 3/8 in Square |

NOTE: For color, replace X with B (Black) or W (White).

Patent numbers: 8,130,494 and 8,256,181



MM20736ADJ38-B

### Mighty Mo 20 4-Post Rail Kit & Air Baffle Rails

Baffle rails allow 16-1/4 in, 24 in and 30 in deep airflow baffles to be mounted to the side of the ADJ 4-post racks, even when the mounting rails are set to a deeper dimension. The fixed version allows 16-1/4 in and 24 in baffles to be mounted to the 30 in deep racks.

| PART NO.       | DESCRIPTION                                                                            | RAIL TYPE              |
|----------------|----------------------------------------------------------------------------------------|------------------------|
| MM207ADJABR-X  | Mighty Mo 20 4-Post Rack Baffle Rail 7 ft—<br>For Mighty Mo 20 4-Post Adjustable Racks | Baffle                 |
| MM207RKADJ12-X | Mighty Mo 20 4-Post Adjustable Rack Rail Kit,<br>7 ft (45RU) – Set of 2                | Tapped, #12-24         |
| MM207RKADJ38-X | Mighty Mo 20 4-Post Adjustable Rack Rail Kit,<br>7 ft (45RU) – Set of 2                | Punched, 3/8 in Square |
| MM208ADJABR-X  | Mighty Mo 20 4-Post Rack Baffle Rail 8 ft—<br>For Mighty Mo 20 4-Post Adjustable Racks | Baffle                 |
| MM208RKADJ12-X | Mighty Mo 20 4-Post Adjustable Rack Rail Kit,<br>8 ft (51RU) – Set of 2                | Tapped, #12-24         |
| MM208RKADJ38-X | Mighty Mo 20 4-Post Adjustable Rack Rail Kit,<br>8 ft (51RU) – Set of 2                | Punched, 3/8 in Square |

NOTE: For color, replace X with B (Black) or W (White).



MM207ADJABR-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Vertical Manager with Door

The wire frame and rack unit finger design promotes efficient routing of patch cords between racks. Dual hinged slam latch doors allow easy access during moves, adds and changes. Supplied with four cable management spools to provide slack storage for fiber jumpers and twelve bend limiting clips to protect fiber entering the vertical manager.

| PART NO.     | DESCRIPTION                               |
|--------------|-------------------------------------------|
| MM20VMD706-X | 6.5 in W x 10.25 in D for 7 ft MM20 racks |
| MM20VMD710-X | 10.5 in W x 15 in D for 7 ft MM20 racks   |
| MM20VMD712-X | 12.25 in W x 15 in D for 7 ft MM20 racks  |
| MM20VMD806-X | 6.5 in W x 10.25 in D for 8 ft MM20 racks |
| MM20VMD810-X | 10.5 in W x 15 in D for 8 ft MM20 racks   |
| MM20VMD812-X | 12.25 in W x 15 in D for 8 ft MM20 racks  |

NOTE: For color, replace X with B (Black) or W (White).  
06 (6.5) in wide managers are 10.25 in deep. All other managers are 15 in deep.  
Patent number: 9,303,440



MM20VMD710-B

### Mighty Mo 20 VMD Finger Covers

The finger cover is used to finish the end of a row of Mighty Mo racks by covering up the side of the vertical manager. Finger covers mount to the fingers on the VMD or VMS vertical managers.

| PART NO.     | DESCRIPTION               |
|--------------|---------------------------|
| MM20VMD7FC-X | For 7 ft MM20VMD managers |
| MM20VMD8FC-X | For 8 ft MM20VMD managers |

NOTE: For color, replace X with B (Black) or W (White).  
6.5 in wide managers are 10.25 in deep. All other managers are 15 in deep.



MM20VMD7FC-B

### Mighty Mo 20 VMD End of Row Stabilizer Kit

Stabilizing kits are used to reinforce the mounting of 10 in and wider VMD and VMS vertical managers mounted at the end of a row.

| PART NO.    | DESCRIPTION                                            |
|-------------|--------------------------------------------------------|
| MM20VMSDK-B | Mighty Mo 20 Vertical Managers Stabilizing Kit - Black |
| MM20VMSDK-W | Mighty Mo 20 Vertical Managers Stabilizing Kit - White |



MM20VMSDK-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Vertical Manager with Cover

The wire frame and rack unit finger design promotes efficient routing of patch cords between racks. Dual hinged snap-on covers allow easy access during moves, adds and changes. 6 in and 10 in wide managers are supplied with four cable management spools and 12 bend-limiting clips.

| PART NO.     | DESCRIPTION                               |
|--------------|-------------------------------------------|
| MM20VMS704-X | 3.75 in W x 8.62 in D for 7 ft MM20 racks |
| MM20VMS706-X | 6 in W x 8.62 in D for 7 ft MM20 racks    |
| MM20VMS710-X | 10 in W x 13.62 in D for 7 ft MM20 racks  |

NOTE: For color, replace X with B (Black) or W (White).  
10 in wide managers are 13.62 in deep. All other managers are 8.62 in deep.  
Patent numbers: 6,946,605 and 7,026,553

### Mighty Mo 20 Vertical Manager with Latches

Wire frame and hinged latches allow easy access during moves, adds and changes. An efficient and economical choice for small to mid-size networks.

| PART NO.     | DESCRIPTION                            |
|--------------|----------------------------------------|
| MM20VML704-X | 4 in W x 6.12 in D for 7 ft MM20 racks |
| MM20VML706-X | 6 in W x 6.12 in D for 7 ft MM20 racks |

NOTE: For color, replace X with B (Black) or W (White). All other managers are 6.12 in deep.  
Patent numbers: 6,365,834

### Mighty Mo 20 Zero-U Horizontal Managers

Zero rack unit horizontal managers slide into the slots in the Mighty Mo 20 fingers and provide support for fiber and copper cables exiting horizontal equipment modules. They toollessly lock into place with the 19 in version mounting between 2 vertical managers in front of the equipment. Internal versions are sized to fit inside the vertical managers and provide a continuous horizontal path across the front of the racks and managers.

| PART NO.      | DESCRIPTION                                 |
|---------------|---------------------------------------------|
| MM20HMZRU06-X | For MM20 6 in W VMD and VMS style managers  |
| MM20HMZRU10-X | For MM20 10 in W VMD and VMS style managers |
| MM20HMZRU12-X | For MM20 12 in W VMD style managers         |
| MM20HMZRU19-X | For MM20 16 in W VMD style managers         |

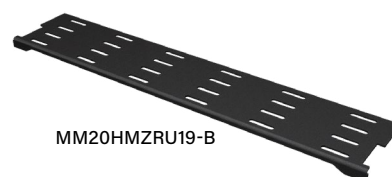
NOTE: For color, replace X with B (Black) or W (White).



MM20VMS706-B



MM20VML704-B



MM20HMZRU19-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Horizontal Managers

Horizontal cable managers are available in 2RU and 4RU sizes. Fingers begin 3/4 in from the face of rack to provide bend limitation for cables, protecting cables, equipment and network performance. Included hinged cover mounts with six heavy duty clips allow them to be opened one handed without becoming “unhinged”. Manufactured from UL94V-0 rated plastic.

| PART NO.     | DESCRIPTION                          |
|--------------|--------------------------------------|
| MM20HMF2RU-X | 2 RU Single-Sided Horizontal Manager |
| MM20HMF4RU-X | 4 RU Single-Sided Horizontal Manager |

NOTE: For color, replace X with B (Black) or W (White)

Patent Number: 9,429,252



MM20HMF4RU-B

### Mighty Mo 20 Horizontal Manager Air Blocker

Horizontal cable manager air blockers are available in 2RU and 4RU sizes. Providing a tool-less snap-in filler panel within the Mighty Mo 20 Horizontal Manager to fill open rack space where separation of cold air and hot air is required.

| PART NO.       | DESCRIPTION                                    |
|----------------|------------------------------------------------|
| MM20HMF2RUAB-M | 2 RU Horizontal Manager Air Blocker, Magnesium |
| MM20HMF4RUAB-M | 4 RU Horizontal Manager Air Blocker, Magnesium |



MM20HMF2RUAB-M

### Mighty Mo 20 Lightweight Airflow Baffles

Mighty Mo 20 airflow baffles mount between Mighty Mo 20 channel, fixed or adjustable racks, direct intake and exhaust air on side flow network equipment from cold aisle to hot aisle. The patented angle design utilizes less space, reduces back pressure and provides better overall performance than square duct style systems.

| PART NO.       | HEIGHT | DEPTH | WIDTH | COMPATIBLE RACK | COMPATIBLE VERTICAL MANAGER |
|----------------|--------|-------|-------|-----------------|-----------------------------|
| MM20ABL71610-B | 7 ft   | 16 in | 10 in | MM20716         | MM20VMD710                  |
| MM20ABL71612-B | 7 ft   | 16 in | 12 in | MM20716         | MM20VMD712                  |
| MM20ABL72410-B | 7 ft   | 24 in | 10 in | MM20724         | MM20VMD710                  |
| MM20ABL72412-B | 7 ft   | 24 in | 12 in | MM20724         | MM20VMD712                  |
| MM20ABL73010-B | 7 ft   | 30 in | 10 in | MM20730         | MM20VMD710                  |
| MM20ABL73012-B | 7 ft   | 30 in | 12 in | MM20730         | MM20VMD712                  |
| MM20ABL81612-B | 8 ft   | 16 in | 12 in | MM20816         | MM20VMD812                  |
| MM20ABL82412-B | 8 ft   | 24 in | 12 in | MM20824         | MM20VMD812                  |
| MM20ABL83012-B | 8 ft   | 30 in | 12 in | MM20830         | MM20VMD812                  |



MM20ABL71612-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Universal Cable Troughs

Universal cable troughs snap into the hex pattern on the Mighty Mo 20 channel racks and are used to create a front to rear or vertical trough on the inside or outside of the channel. They can be mounted in a row to create a continuous trough or rotated at 30° increments to support cables through directional changes. Up to 3 HiLOC™ harnesses can be toollessly mounted into each trough.

| PART NO.     | DESCRIPTION                                                                           |
|--------------|---------------------------------------------------------------------------------------|
| MM20UCT2X2-B | 2 in x 2 in x 5.25 in Trough with Hex Mounting For MM20 Channel Racks, 6-Pack - Black |
| MM20UCT2X2-W | 2 in x 2 in x 5.25 in Trough with Hex Mounting For MM20 Channel Racks, 6-Pack - White |

NOTE: Patent Number: 9,429,252



MM20UCT2X2-B

### Mighty Mo Hexguard

The Mighty Mo 20 Hexguard cabling protection snaps into the channel rails of the rack and protects cables while allowing for easy passage thru the channel. The Hexguard snaps directly into the honeycomb cutouts and can be installed for new, as well as existing cable installs.

| PART NO.    | DESCRIPTION                              |
|-------------|------------------------------------------|
| MM20HEXGD-B | Mighty Mo 20 Hexguard, 12 Halves - Black |
| MM20HEXGD-W | Mighty Mo 20 Hexguard, 12 Halves - White |



MM20HEXGD-W

### Mighty Mo 20 Universal Cable Disk

The Mighty Mo 20 Universal Cable Disk mounts to the hex grid on a Mighty Mo 20 Channel Rack. Up to 4 HiLOC™ harnesses can be toollessly mounted onto each disk, or a Legrand 60401185 Fiber Spool Kit can be added for slack storage of excess cable.

| PART NO.   | DESCRIPTION                                                                     |
|------------|---------------------------------------------------------------------------------|
| MM20CMD7-B | Mighty Mo 20 Cable Disk with Hex Mounting For MM20 Channel Racks, 4-Pack, Black |
| MM20CMD7-W | Mighty Mo 20 Cable Disk with Hex Mounting For MM20 Channel Racks, 4-Pack, White |



MM20CMD7-B

### Mighty Mo 20 Bending Limiting Clips

Bend limiting clips snap on to any finger on the vertical management cage to provide bend limitation for fiber jumpers entering and exiting the cage. The half oval design provides 180° protection for fiber jumpers.

| PART NO.  | DESCRIPTION                                                                                |
|-----------|--------------------------------------------------------------------------------------------|
| MM20BLC-B | Mighty Mo 20 BEND LIMITING CLIP 6.25 in L, 12 Pack - Black (For VMD or VMS Style Managers) |
| MM20BLC-W | Mighty Mo 20 BEND LIMITING CLIP 6.25 in L, 12 Pack - White (For VMD or VMS Style Managers) |



MM20BLC-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Cable Management Spools

Cable management spools effectively manage excess fiber cable slack, providing flexibility and the proper bend radius for cables. They mount at rack unit intervals on the front of the 6 in wide vertical manager or on the front and rear of the 10 in and wider vertical managers with fingers.

| PART NO.    | DESCRIPTION                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------|
| MM20CMS6-X  | Mighty Mo 20 Cable Management Spool 6.25 in W, 12 Pack Set of 4 (For VMD or VMS Style Managers) |
| MM20CMS10-X | Mighty Mo 20 Cable Management Spool 10in W, 12 Pack Set of 4 (For VMD or VMS Style Managers)    |

NOTE: For colors replace X with B (Black), W (White)



MM20CMS6-B

### Mighty Mo 20 Cable Management Rings

These black plastic rings flex at the end for easy insertion or removal of cross connect cables. The 3/8 in 1/4 turn connector mounts on the front and back of the Mighty Mo racks. It can also be installed into 3/8 in square accessory holes on the sides of the Mighty Mo racks or into any open 3/8 in square EIA mounting hole.

| PART NO.   | DESCRIPTION                                                  |
|------------|--------------------------------------------------------------|
| MM20CMR3-X | Mighty Mo 20 Cable Management Ring 1.72 in x 3 in W, 14 Pack |
| MM20CMR6-X | Mighty Mo 20 Cable Management Ring 1.72 in x 6 in W, 14 Pack |

NOTE: For colors replace X with B (Black), W (White)



MM20CMR3-B

### Mighty Mo 20 Waterfall Extension

Increases the height of the front flange of the Mighty Mo waterfall by 2.25 in when additional cable capacity is required.

| PART NO.  | DESCRIPTION                                                 |
|-----------|-------------------------------------------------------------|
| MM20WFE-B | Mighty Mo 20 Waterfall Extension 4.50 in X 19.15 in - Black |
| MM20WFE-W | Mighty Mo 20 Waterfall Extension 4.50 in X 19.15 in - White |



MM20WFE-B

### Mighty Mo 20 Equipment Support Brackets

The 6 in equipment support brackets can be cantilever mounted at the rear of any Mighty Mo rack and used to support equipment mounted to the front rails. Deeper equipment support brackets are sized to the 16-1/4 in to 30 in channel racks and 4-point mount with the equipment's mounting ears to provide zero unit support from front-to-back.

| PART NO.    | DESCRIPTION                                               |
|-------------|-----------------------------------------------------------|
| MM20ESB06-X | Mighty Mo 20 Equipment Support Brackets, 6.5 in - 1 Set   |
| MM20ESB16-X | Mighty Mo 20 Equipment Support Brackets, 16.25 in - 1 Set |
| MM20ESB24-X | Mighty Mo 20 Equipment Support Brackets, 24 in - 1 Set    |
| MM20ESB30-X | Mighty Mo 20 Equipment Support Brackets, 30 in - 1 Set    |

NOTE: For colors replace X with B (Black), W (White)



MM20ESB16-B



# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Cable Troughs

Cable troughs support fiber cables at the bottom of Mighty Mo racks. The kit includes an extension that bridges the space between racks and creates a continuous trough at the bottom of the row.

| PART NO.     | DESCRIPTION                                         |
|--------------|-----------------------------------------------------|
| MM20CT4RU-X  | Mighty Mo 20 Cable Trough, 4RU, 19in Wide           |
| MM20CT4RUK-X | Mighty Mo 20 Cable Trough Extension, 4RU, 19in Wide |

NOTE: For colors replace X with B (Black), W (White)



MM20CT4RUK-B

### Mighty Mo 20 Cable Runway Mounting Brackets

Mounts to the top side of the Mighty Mo rack channels or frames, providing mounting for runway to run parallel with the row of racks. Standard brackets position the bottom of the runway at 2 in above the rack height and 6 in high brackets position the bottom of the runway at 6 in above the rack height.

| PART NO.        | DESCRIPTION                                                           |
|-----------------|-----------------------------------------------------------------------|
| MM20CRB06-X     | 2 in H for MM20 6.5 in Channel Racks, Supports Runway up to 18 in W   |
| MM20CRB10-X     | 2 in H for MM20 10.5 in Channel Racks, Supports Runway up to 18 in W  |
| MM20CRB16-X     | 2 in H for MM20 16.25 in Channel Racks, Supports Runway up to 18 in W |
| MM20CRB1624-X   | 2 in H for MM20 16.25 in Channel Racks, Supports Runway up to 24 in W |
| MM20CRB24-X     | 2 in H for MM20 24 in Channel Racks, Supports Runway up to 24 in W    |
| MM20CRB30-X     | 2 in H for MM20 30 in Channel Racks, Supports Runway up to 24 in W    |
| MM20CRB4PU-X    | 2 in H for Side of MM20 4-Post Racks, Supports Runway up to 24 in W   |
| MM20CRB4PRU-X   | 2 in H for Rear of MM20 4-Post Racks, Supports Runway up to 18 in W   |
| MM20CRB6H06-X   | 6 in H for MM20 6.16 in Channel Racks, Supports Runway up to 18 in W  |
| MM20CRB6H10-X   | 6 in H for MM20 10.16 in Channel Racks, Supports Runway up to 18 in W |
| MM20CRB6H16-X   | 6 in H for MM20 16.25 in Channel Racks, Supports Runway up to 18 in W |
| MM20CRB6H1624-X | 6 in H for MM20 16.25 in Channel Racks, Supports Runway up to 24 in W |
| MM20CRB6H24-X   | 6 in H for MM20 24in Channel Racks, Supports Runway up to 24 in W     |
| MM20CRB6H30-X   | 6 in H for MM20 30in Channel Racks, Supports Runway up to 24 in W     |
| MM20CRB6H4PU-X  | 6 in H for Side of MM20 4-Post Racks, Supports Runway up to 24 in W   |
| MM20CRB6H4PRU-X | 6 in H for Rear of MM20 4-Post Racks, Supports Runway up to 18 in W   |

NOTE: For colors replace X with B (Black), W (White)



MM20CRB06-B



# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 Cable Wire Tray Mounting Brackets

Mounts to the top side of the Mighty Mo rack channels or frames, providing mounting for wire tray to run parallel with the row of racks. Standard brackets position the bottom of the wire tray at 2 in above the rack height and 6 in high brackets position the bottom of the wire tray at 6 in above the rack height.

| PART NO.        | DESCRIPTION                                                              |
|-----------------|--------------------------------------------------------------------------|
| MM20CTB06-X     | 2 in H for MM20 6.5 in Channel Racks, Supports Wire Tray up to 18 in W   |
| MM20CTB10-X     | 2 in H for MM20 10.5 in Channel Racks, Supports Wire Tray up to 18 in W  |
| MM20CTB16-X     | 2 in H for MM20 16.25 in Channel Racks, Supports Wire Tray up to 18 in W |
| MM20CTB1624-X   | 2 in H for MM20 16.25 in Channel Racks, Supports Wire Tray up to 24 in W |
| MM20CTB24-X     | 2 in H for MM20 24 in Channel Racks, Supports Wire Tray up to 24 in W    |
| MM20CTB30-X     | 2 in H for MM20 30 in Channel Racks, Supports Wire Tray up to 24 in W    |
| MM20CTB4PU-X    | 2 in H for Side of MM20 4-Post Racks, Supports Wire Tray up to 24 in W   |
| MM20CTB4PRU-X   | 2 in H for Rear of MM20 4-Post Racks, Supports Wire Tray up to 18 in W   |
| MM20CTB6H06-X   | 6 in H for MM20 6.16 in Channel Racks, Supports Wire Tray up to 18 in W  |
| MM20CTB6H10-X   | 6 in H for MM20 10.16 in Channel Racks, Supports Wire Tray up to 18 in W |
| MM20CTB6H16-X   | 6 in H for MM20 16.25 in Channel Racks, Supports Wire Tray up to 18 in W |
| MM20CTB6H1624-X | 6 in H for MM20 16.25 in Channel Racks, Supports Wire Tray up to 24 in W |
| MM20CTB6H24-X   | 6 in H for MM20 24 in Channel Racks, Supports Wire Tray up to 24 in W    |
| MM20CTB6H30-X   | 6 in H for MM20 30 in Channel Racks, Supports Wire Tray up to 24 in W    |
| MM20CTB6H4PU-X  | 6 in H for Side of MM20 4-Post Racks, Supports Wire Tray up to 24 in W   |
| MM20CTB6H4PRU-X | 6 in H for Rear of MM20 4-Post Racks, Supports Wire Tray up to 18 in W   |

NOTE: For colors replace X with B (Black), W (White)



MM20CTB16-B

### Mighty Mo 20 Base Dust Covers

Prevents dust and debris from accumulating in the rack base. Scored for bending to clear cables from floor up to channel.

| PART NO.    | DESCRIPTION                                               |
|-------------|-----------------------------------------------------------|
| MM20BDC06-X | MM20 Base Dust Cover for 6.5 in deep MM20 Channel Racks   |
| MM20BDC10-X | MM20 Base Dust Cover for 10.5 in deep MM20 Channel Racks  |
| MM20BDC16-X | MM20 Base Dust Cover for 16.25 in deep MM20 Channel Racks |
| MM20BDC24-X | MM20 Base Dust Cover for 24 in deep MM20 Channel Racks    |
| MM20BDC30-X | MM20 Base Dust Cover for 30 in deep MM20 Channel Racks    |

NOTE: For colors replace X with B (Black), W (White)



MM20BDC16-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 End Panels

The 4.4 in wide end panel is used to finish the end of a row of Mighty Mo racks when a 6 in wide vertical manager is mounted at the end of the row. It mounts directly to the rack behind the manager, providing a stable mounting surface for the manager and concealing cables in the rack frame.

| PART NO.    | COMPATIBLE RACK | COMPATIBLE VERTICAL MANAGER |
|-------------|-----------------|-----------------------------|
| MM20EP706-X | MM20706         | MM20VMD706                  |
| MM20EP710-X | MM20710         | MM20VMD706                  |
| MM20EP716-X | MM20716         | MM20VMD706                  |
| MM20EP724-X | MM20724         | MM20VMD706                  |
| MM20EP730-X | MM20730         | MM20VMD706                  |
| MM20EP736-X | MM20736         | MM20VMD706                  |
| MM20EP742-X | MM20742         | MM20VMD706                  |
| MM20EP810-X | MM20810         | MM20VMD806                  |
| MM20EP816-X | MM20816         | MM20VMD806                  |
| MM20EP824-X | MM20824         | MM20VMD806                  |
| MM20EP830-X | MM20830         | MM20VMD806                  |
| MM20EP836-X | MM20836         | MM20VMD806                  |
| MM20EP842-X | MM20842         | MM20VMD806                  |

NOTE: For colors replace X with B (Black), W (White).



MM20EP716-B

### Mighty Mo 20 Narrow End Panels

The 2.25 in wide end panel is used to finish the end of a row of Mighty Mo racks when a 10 in or wider vertical manager is mounted at the end of the row. It mounts directly behind the manager concealing cables in the rack frame. The narrow end panel requires the use of an end panel support bracket to stabilize the rear of the end panel.

| PART NO.     | COMPATIBLE RACK | COMPATIBLE VERTICAL MANAGER |
|--------------|-----------------|-----------------------------|
| MM20EPN706-X | MM20706         | MM20VMD710 or wider         |
| MM20EPN710-X | MM20710         | MM20VMD710 or wider         |
| MM20EPN716-X | MM20716         | MM20VMD710 or wider         |
| MM20EPN724-X | MM20724         | MM20VMD710 or wider         |
| MM20EPN730-X | MM20730         | MM20VMD710 or wider         |
| MM20EPN736-X | MM20736         | MM20VMD710 or wider         |
| MM20EPN742-X | MM20742         | MM20VMD710 or wider         |
| MM20EPN810-X | MM20810         | MM20VMD810 or wider         |
| MM20EPN816-X | MM20816         | MM20VMD810 or wider         |
| MM20EPN824-X | MM20824         | MM20VMD810 or wider         |
| MM20EPN830-X | MM20830         | MM20VMD810 or wider         |
| MM20EPN836-X | MM20836         | MM20VMD810 or wider         |
| MM20EPN842-X | MM20842         | MM20VMD810 or wider         |

NOTE: For colors replace X with B (Black), W (White).



MM20EPN716-B

# PHYSICAL SUPPORT SOLUTIONS

## Mighty Mo 20 Cable Management System

### Mighty Mo 20 End Panel Support Brackets

The end panel support brackets mount from the rack to the narrow end panels to stabilize the rear of the end panel.

| PART NO.  | DESCRIPTION                                                               |
|-----------|---------------------------------------------------------------------------|
| MM20EPS-X | For Bracing MM20 Narrow End Panels behind 10 in W or 12 in W VMD Managers |

NOTE: For colors replace X with B (Black), W (White).



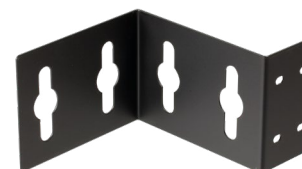
MM20EPS-B

### Mighty Mo 20 PDU Mounting Brackets

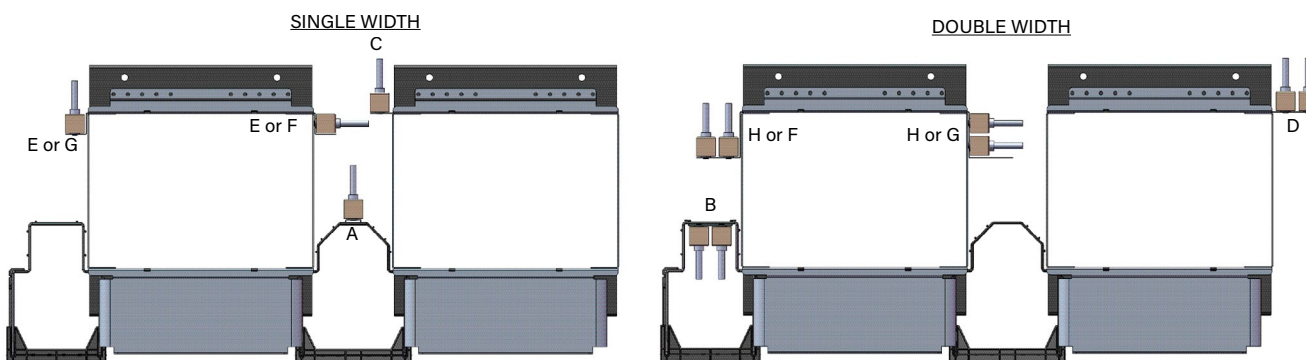
Legrand Mighty Mo 20 PDU mounting bracket kits are designed to mount "Button Mount" PDUs to the VMD style vertical managers or rear channels of the Mighty Mo 20 open racks. Offset, Flat and vertical manager style brackets are available, which provide multiple mounting options.

| PART NO.        | DESCRIPTION                | LOCATION |
|-----------------|----------------------------|----------|
| MM20PDUMBVM1W-X | Cage Mount, 1 Wide         | A        |
| MM20PDUMBVM2W-X | Cage Mount, 2 Wide         | B        |
| MM20PDUMBFT1W-X | Rack Mount, Flat, 1 Wide   | C        |
| MM20PDUMBFT2W-X | Rack Mount, Flat, 2 Wide   | D        |
| MM20PDUMB1D1W-X | Rack Mount, 1 Deep, 1 Wide | E        |
| MM20PDUMB1D2W-X | Rack Mount, 1 Deep, 2 Wide | F        |
| MM20PDUMB2D1W-X | Rack Mount, 2 Deep, 1 Wide | G        |
| MM20PDUMB2D2W-X | Rack Mount, 2 Deep, 2 Wide | H        |

NOTE: For colors replace X with B (Black), W (White).

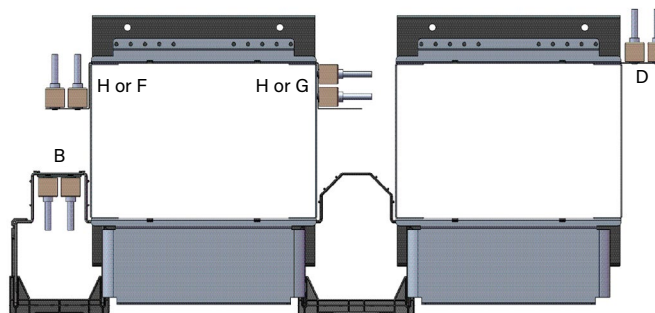
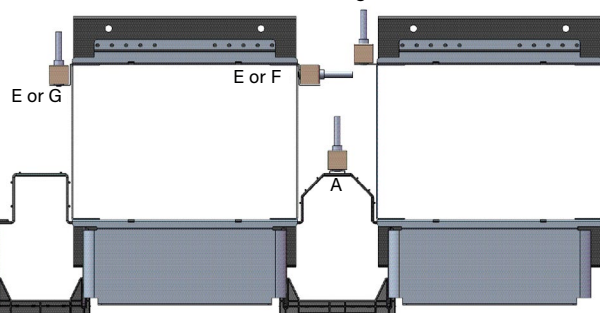


MM20PDUMB2D2W-B



SINGLE WIDTH

DOUBLE WIDTH



# PHYSICAL SUPPORT SOLUTIONS

## Standard EIA Racks and Cable Management

### Standard EIA 2-Post & 4-Post Racks

Standard EIA 2 and 4-post racks provide greater flexibility and optimum efficiency in any data center. The 4-post racks provide an economical mounting platform for switches and servers.

| PART NO.         | TYPE              | COLOR | RU | HEIGHT | WIDTH    | DEPTH         | LOAD RATING (LBS) |
|------------------|-------------------|-------|----|--------|----------|---------------|-------------------|
| 19-72-T2SDB      | 2-Post            | Black | 38 | 72 in  | 20.19 in | 3 in          | 750               |
| 19-84-T2SDB      |                   | Black | 45 | 84 in  |          | 3 in          |                   |
| 19-84-T2SD       |                   | Clear | 45 | 84 in  |          | 3 in          |                   |
| 19-84-6T2SDB     |                   | Black | 45 | 84 in  |          | 6 in          |                   |
| 19-96-T2SDB      |                   | Black | 51 | 96 in  |          | 3 in          |                   |
| 19-96-T2SD       |                   | Clear | 51 | 96 in  |          | 3 in          |                   |
| 19-84-T4SDA2132* | 4-Post Adjustable | Black | 45 | 84 in  |          | 21 in – 32 in |                   |
| 19-96-T4SDA2132  |                   | Black | 51 | 96 in  |          |               |                   |
| 19-84-SSDA2132*  |                   | Black | 45 | 84 in  |          |               |                   |

NOTE: Clear color indicates coated metal finish.

\*T4SDA2132 has 12-24 tapped mounting rails, SSDA2132 has 3/8" square hole mounting rails



19-84-T2SD



19-84-T4SDA2132

TABLE OF CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL SUPPORT

CABLOFIL

INDEX

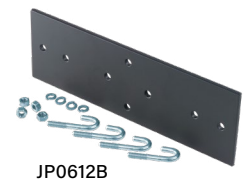
### Runway Mounting Brackets and Plates

Cable runway mounting brackets mount to the top of the cabinet and provide a surface for attaching 6 in, 12 in, 18 in or 24 in W runway.

| PART NO.   | DESCRIPTION                                                         | COLOR  | DIMENSIONS (H,W,D) (IN) | FUNCTION                                                                                                           |
|------------|---------------------------------------------------------------------|--------|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| RRJC-T     | Adjustable Runway Mounting Kit                                      | Silver | NA                      | Mounts Runway perpendicular to the front of 2- or 4-post rack                                                      |
| RRJC-S     |                                                                     |        |                         | Mounts Runway perpendicular or parallel to front of 4-post racks                                                   |
| JP0606B    | Junction Plate                                                      | Black  | 7.50, 4.00, 0.25        | Used for junctioning cable runway and equipment racks. Runway can be junctioned parallel or perpendicular to rack. |
| JP0612B    |                                                                     |        | 12.50, 4.00, 0.25       |                                                                                                                    |
| JP1218B    |                                                                     |        | 18.50, 4.00, 0.25       |                                                                                                                    |
| JP1824B    |                                                                     |        | 24.50, 4.00, 0.25       |                                                                                                                    |
| JP0612-6TB | Junction Plate for 6 in Upright Racks, 6 in & 12 in Runway Support  | Black  | 12.0, 7.00, 0.25        |                                                                                                                    |
| JP1218-6TB | Junction Plate for 6 in Upright Racks, 12 in & 18 in Runway Support | Black  | 18.50, 7.00, 0.25       |                                                                                                                    |
| JP1824-6TB | Junction Plate for 6 in Upright Racks, 18 in & 24 in Runway Support | Black  | 24.50, 7.00, 0.25       |                                                                                                                    |



RRJC-T



JP0612B

# PHYSICAL SUPPORT SOLUTIONS

## Standard EIA Racks and Cable Management

### Standard EIA Vertical Managers

The Standard EIA vertical manager is simple, fast to assemble. Assembly and installation is a one-person job with the lightweight and modular manager components.

| PART NO. | SIDED TYPE                                               | HEIGHT | WIDTH | DEPTH    |
|----------|----------------------------------------------------------|--------|-------|----------|
| QVMS706  | Single                                                   | 7 ft   | 6 in  | 8.94 in  |
| QVMS710  | Single                                                   |        | 10 in |          |
| QVMD706  | Double                                                   |        | 6 in  | 17.36 in |
| QVMD710  | Double                                                   |        | 10 in |          |
| PART NO. | DESCRIPTION                                              |        |       |          |
| QVMDCRK  | Q-Series Bend Limiting, Cable Management Clip – Kit of 8 |        |       |          |
| QVMDESB  | Q-Series End of Row Support Bracket – Qty 3              |        |       |          |



QVMD706



QVMDCRK

# PHYSICAL SUPPORT SOLUTIONS

## Vertical Managers, Organizers & Rings

### Single-Sided Vertical Manager with Split Cover

Mounts to the side of a standard EIA rack. The fingers are spaced to line up with rack units, promoting efficient routing of patch cords to patch panels and equipment from the vertical manager. Dual snap on hinged covers allow easy access during moves, add, and changes. Available in single-sided and double-sided versions.

| PART NO. | SIDED TYPE | HEIGHT | WIDTH   | DEPTH   |
|----------|------------|--------|---------|---------|
| SVMS704  | Single     | 7 ft   | 3.75 in | 6.58 in |
| SVMS706  |            |        | 6 in    |         |
| SVMS804  |            | 8 ft   | 3.75 in |         |
| SVMS806  |            |        | 6 in    |         |



SVMS706

### Double-Sided Vertical Manager with Split Cover

| PART NO. | SIDED TYPE | HEIGHT | WIDTH   | DEPTH    |
|----------|------------|--------|---------|----------|
| DVMS704  | Double     | 7 ft   | 3.75 in | 13.17 in |
| DVMS706  |            |        | 6 in    |          |
| DVMS710  |            |        | 10 in   |          |
| DVMS804  |            | 8 ft   | 3.75 in |          |
| DVMS806  |            |        | 6 in    |          |
| DVMS810  |            |        | 10 in   |          |



DVMS706

### Vertical Organizer & EIA Mount Rings

Patented vertical organizers save time and money during moves, adds, and changes to patch panels. Rings in the front organize patch cords with ease. A rear, U-shaped channel is formed either between equipment racks or at the end of a lineup to provide a pathway for delivering horizontal cables to patch panels. The 6 in W is used between fully loaded racks; the 3 in width is used with a single rack, at the end of a lineup or between partially loaded racks. Black. Vertical control brackets attach to equipment racks to provide secure backside cable containment; Legrand recommends using four brackets on an 84 in rack.

| PART NO.  | DESCRIPTION        | HEIGHT | WIDTH   | DEPTH   | COLOR | FUNCTION                                                                                                                                  |
|-----------|--------------------|--------|---------|---------|-------|-------------------------------------------------------------------------------------------------------------------------------------------|
| VO-84-T3E | Vertical Organizer | 80 in  | 3 in    | 5.31 in | Black | Delivers horizontal cables to patch panels with rings in the front organize patch cords between equipment racks or at the end of a lineup |
| VO-84-T6E |                    |        | 6 in    |         |       |                                                                                                                                           |
| CR-93S-1B | Cable Ring         | 3.5 in | 0.91 in | 2.5 in  |       | Provides versatile cable management to channel cables from the floor or ceiling to patch panels                                           |
| CR-93S-2B |                    |        | 2.19 in |         |       |                                                                                                                                           |
| CR-93S-4B |                    |        | 2.19 in | 4.75 in |       |                                                                                                                                           |



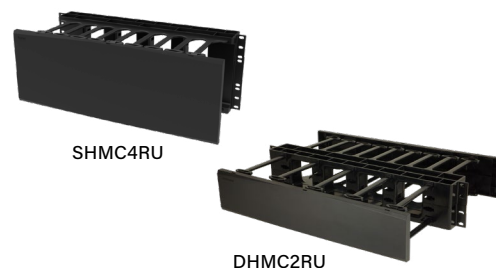
VO-84-T6E

# PHYSICAL SUPPORT SOLUTIONS

## Horizontal Cable Management Panels

### Standard EIA Horizontal Managers

Horizontal cable managers are available in 1RU, 2RU, 3RU, and 4RU sizes. Fingers begin 3/4 in from the face of rack to provide bend limitation for cables, protecting cables, equipment and network performance. Included hinged cover mounts with six heavy duty clips allow them to be opened one handed without becoming “unhinged”. Manufactured from UL94V-0 rated plastic.

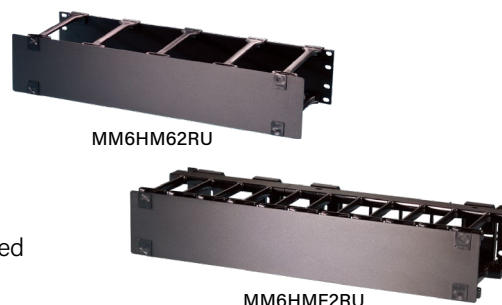


| PART NO. | SIDED TYPE                                                | MANAGEMENT TYPE  | HEIGHT (RU) | W MAXIMUM FILL CAPACITY<br>(.250 DIA. CABLES) |
|----------|-----------------------------------------------------------|------------------|-------------|-----------------------------------------------|
| SHMC1RU  | Single                                                    | Multiple Fingers | 1           | 26                                            |
| SHMC2RU  |                                                           |                  | 2           | 91                                            |
| SHMC3RU  |                                                           |                  | 3           | 155                                           |
| SHMC4RU  |                                                           |                  | 4           | 219                                           |
| DHMC1RU  | Double                                                    |                  | 1           | 26 Front – 23 Rear                            |
| DHMC2RU  |                                                           |                  | 2           | 91 Front – 75 Rear                            |
| DHMC3RU  |                                                           |                  | 3           | 155 Front – 128 Rear                          |
| DHMC4RU  |                                                           |                  | 4           | 219 Front – 181 Rear                          |
| PART NO. | DESCRIPTION                                               |                  |             |                                               |
| PHMC1RU  | Plugs for 1 RU Horizontal Cable Manger, White - Pack of 4 |                  |             |                                               |
| PHMC2RU  | Plugs for 2 RU Horizontal Cable Manger, White - Pack of 4 |                  |             |                                               |

NOTE: Standard finish is Black, add **W** to the end of the Part Number for a White finish

### Mighty Mo Horizontal Cable Management Panels

The Mighty Mo horizontal cable management provide organized management for cables within the rack. Each panel features a double hinged cover that opens for cable access during moves, adds, and changes.



| PART NO.  | SIDED TYPE | MANAGEMENT TYPE  | HEIGHT (RU) | W MAXIMUM FILL CAPACITY (.250 DIA. CABLES) |
|-----------|------------|------------------|-------------|--------------------------------------------|
| MM6HM62RU | Single     | Multiple Fingers | 2           | 99                                         |
| MM6HM82RU |            |                  | 2           | 99                                         |
| MM6HMF1RU |            |                  | 1           | 49                                         |
| MM6HMF2RU |            |                  | 2           | 97                                         |
| MM6HMF4RU |            |                  | 4           | 238                                        |



# PHYSICAL SUPPORT SOLUTIONS

## Horizontal Cable Management Panels

### Standard Cable Management Panels

These horizontal cable managers provide organized routing and management for cables within the rack. Panels are available in a variety of configurations to accommodate different densities, rack unit sizes and ring layouts.

| PART NO.  | HEIGHT (RU) | DEPTH (IN) | SIDED TYPE | MANAGEMENT TYPE  | # OF RINGS |
|-----------|-------------|------------|------------|------------------|------------|
| 60400131  | 1           | 3.5        | Single     | Horizontal Rings | 5          |
| 60400057  | 2           | 3.5        |            |                  | 5          |
| 808045768 | 1           | 3          |            |                  | 5          |
| 808045590 | 1           | 6          |            |                  | 5          |
| 808004759 | 1           | 2.7        |            |                  | 5          |
| 808004867 | 3           | 2.4        |            |                  | 5          |
| 808004818 | 2           | 2.0        |            |                  | 5          |

|           |   |   |        |                |   |
|-----------|---|---|--------|----------------|---|
| 808044855 | 2 | 4 | Single | Vertical Rings | 4 |
|-----------|---|---|--------|----------------|---|

|          |   |     |        |                          |  |
|----------|---|-----|--------|--------------------------|--|
| 60400132 | 1 | 2.5 | Single | 3 Horizontal, 2 Vertical |  |
|----------|---|-----|--------|--------------------------|--|

|            |   |     |        |                  |   |
|------------|---|-----|--------|------------------|---|
| FCM-19-1XL | 1 | 3.5 | Single | Horizontal Rings | 4 |
| FCM-19-2XL | 2 | 3.5 |        |                  | 4 |



60400131



60400057



808045590



808004759



808044855



60400132



FCM-19-2XL

# PHYSICAL SUPPORT SOLUTIONS

## Horizontal Cable Management Panels

### Feed-Through Cable Management Panels

These horizontal cable managers with feed-through openings provide organized routing and management for cables within the rack. Legrand® feed-through cable management panels provide organized management of patch cables horizontally, vertically, and from front to back on 19 inch EIA distribution racks. Panels are available in a variety of configurations to accommodate different densities, rack unit sizes and ring layouts.

| PART NO. | HEIGHT (RU) | DEPTH (IN) | SIDED TYPE | MANAGEMENT TYPE | # OF RINGS |
|----------|-------------|------------|------------|-----------------|------------|
| 60400129 | 1           | 3.5        | Single     | Horizontal Ring | 5          |
| 60400426 | 2           | 4          |            |                 | 5          |



60400129

|           |   |   |        |                               |                          |
|-----------|---|---|--------|-------------------------------|--------------------------|
| 808044915 | 2 | 4 | Single | Horizontal Ring Routing Clips | 4 Horizontal 24 Vertical |
|-----------|---|---|--------|-------------------------------|--------------------------|



808044915

|           |   |     |        |                 |   |
|-----------|---|-----|--------|-----------------|---|
| 808044916 | 1 | 2.7 | Single | Horizontal Ring | 5 |
|-----------|---|-----|--------|-----------------|---|



808044916

|           |   |   |        |                                             |                                          |
|-----------|---|---|--------|---------------------------------------------|------------------------------------------|
| 808045091 | 2 | 6 | Single | Horizontal Ring Vertical Ring Routing Clips | 4 Horizontal 4 Vertical 24 Routing Clips |
|-----------|---|---|--------|---------------------------------------------|------------------------------------------|



808045091

### Finger Duct Cable Management Panels

Legrand closed cover finger duct cable management panels provide organized movement for horizontal and vertical routing of patch cables on 19 in EIA distribution racks. Black.

| PART NO.  | HEIGHT (RU) | DEPTH (IN)     | SIDED TYPE | MANAGEMENT TYPE          | # OF RINGS |
|-----------|-------------|----------------|------------|--------------------------|------------|
| 808000010 | 1           | 1.5            | Single     | Closed Cover Finger Duct | -          |
| 808044549 | 2           | 3              |            | Closed Cover Finger Duct | -          |
| 808045030 | 2           | 3 Front 4 Rear | Double     | Closed Cover Finger Duct | -          |



808044549



808045030

# PHYSICAL SUPPORT SOLUTIONS

## Horizontal Cable Management Panels

### Feed-Through Brush Panels

These horizontal feed-through brush panels enable ingress and egress of cables while minimizing airflow and protecting cables and equipment from foreign particulates.

| PART NO. | DESCRIPTION                                      |
|----------|--------------------------------------------------|
| FTBP-1RU | Feed-Through Brush Panel 1RU 1.75 in H X 19 in W |
| FTBP-2RU | Feed-Through Brush Panel 1RU 3.5 in H X 19 in W  |

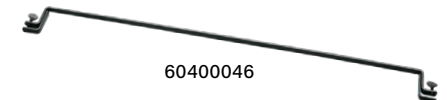


FTBP-1RU

### Cable Management Support

Cable management support bars ensure excess tension is not placed on jacks or terminations and help with routing cables within a rack or cabinet.

| PART NO. | DESCRIPTION                                                             |
|----------|-------------------------------------------------------------------------|
| 60400046 | Cable Management Support Bar, U - Type, 1.5 in Deep, 19 in Wide - Black |



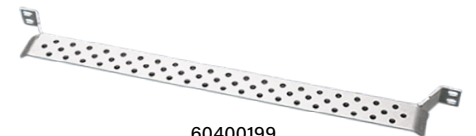
60400046

| PART NO. | DESCRIPTION                                                             |
|----------|-------------------------------------------------------------------------|
| CMBFR0RU | Cable Management Support Bar - Zero RU, 3.9 in Deep, 19 in Wide - Black |



CMBFR0RU

| PART NO. | DESCRIPTION                                                          |
|----------|----------------------------------------------------------------------|
| 60400199 | Bend Limiting Strain Relief Bar - 1 in High, 2.5 in Deep, 19 in Wide |



60400199

# PHYSICAL SUPPORT SOLUTIONS

## Filler Panels

### Tool-Less Filler Panels

Tool-less snap-in filler panels are used to fill open rack units in racks and cabinets where separation of cold air and hot air is required. They are designed to work with active equipment and flat or angled patch panels. The tool less snap-in filler panels unique patented design allows them to snap into 19 in EIA/ECA-310-E compliant tapped or square hole mounting rails. Because no field modification is required to fit a tapped hole, the panel can be remounted in a square hole in the future eliminating the need to stock two different types of panels. Available in black and white.

| PART NO.    | DESCRIPTION                                                 |
|-------------|-------------------------------------------------------------|
| BFPT-1RU-10 | Tool-Less Snap-In Filler Panels - 1 RU, 19 in Wide - 10 pcs |
| BFPT-2RU-10 | Tool-Less Snap-In Filler Panels - 2 RU, 19 in Wide - 10 pcs |

NOTE: Standard finish is Black, add -W to the end of the Part Number for a White finish.  
Patent number: 8,955,693



BFPT-2RU-10

### Blank Filler Panels

Legrand blank filler panels fill in open spaces on all standard 19 in EIA racks and cabinets. They are made of aluminum with a durable powder coated finish.

### Flat Blank Filler Panels

| PART NO.  | DESCRIPTION                           |
|-----------|---------------------------------------|
| 401004788 | Blank Filler Panel - 1 RU, 19 in Wide |
| 401004789 | Blank Filler Panel - 2 RU, 19 in Wide |
| 401004790 | Blank Filler Panel - 3 RU, 19 in Wide |
| 401004791 | Blank Filler Panel - 4 RU, 19 in Wide |



401004789

### Angled Blank Filler Panels

| PART NO.  | DESCRIPTION                                   |
|-----------|-----------------------------------------------|
| BFPA-1RU* | Blank Filler Panel, Angled- 1 RU, 19 in Wide  |
| BFPA-2RU  | Blank Filler Panel, Angled - 2 RU, 19 in Wide |

NOTE: Standard finish is Black, add -W to the end of the Part Number for a White finish.



BFPA-2RU

# PHYSICAL SUPPORT SOLUTIONS

## Equipment Shelves

### Equipment Shelves

Equipment shelves are an ideal solution for mounting any non-rack mount equipment within a rack or cabinet. Universally mountable in any standard 19in server rack or cabinet, these shelves come in a variety of configurations including: fixed, sliding, vented, adjustable, including different mounting options.

### Standard Equipment Shelves

| PART NO. | DESCRIPTION                                                   |
|----------|---------------------------------------------------------------|
| 60400404 | Equipment Shelf - 5.25 in H x 17.25 in W x 10.13 in D - Black |
| 60400006 | Equipment Shelf - 5.25 in H x 17.25 in W x 12.13 in D - Black |
| 60400405 | Equipment Shelf - 5.25 in H x 17.25 in W x 15.13 in D - Black |



60400404

| PART NO. | DESCRIPTION                                                                       |
|----------|-----------------------------------------------------------------------------------|
| 60400655 | Double equipment shelf for 6.5 in channel racks - 19 in x 5.25 in x 24 in - Black |



60400655

### Vented Equipment Shelves

| PART NO.  | DESCRIPTION                                                                     |
|-----------|---------------------------------------------------------------------------------|
| 604045075 | Cantilevered Vented Equipment Shelves - 17.5 in W x 1.45 in H x 20 in D - Black |
| 604045081 | Cantilevered Vented Equipment Shelves - 17.5 in W x 1.45 in H x 24 in D - Black |



604045075

| PART NO.  | DESCRIPTION                                                            |
|-----------|------------------------------------------------------------------------|
| 604044486 | Vented Equipment Shelf - Fixed - 17.5 in W x 4 in H x 18 in D - Black  |
| 604045401 | Standard Vented Equipment Shelf - 17.5 in W x 4 in H x 16 in D - Black |



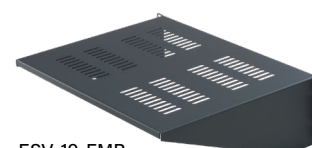
604045401

| PART NO.  | DESCRIPTION                                                               |
|-----------|---------------------------------------------------------------------------|
| 604044938 | Vented Equipment Shelf - slide-out - 17.5 in W x 4 in H x 18 in D - Black |



604044938

| PART NO.   | DESCRIPTION                                                   |
|------------|---------------------------------------------------------------|
| ESV-19-FMB | Front Mount Vented Equipment Shelf - 19 in W, 14 in D - Black |



ESV-19-FMB

# PHYSICAL SUPPORT SOLUTIONS

## Equipment Shelves

### 4-Point Vented Equipment Shelves

| PART NO.  | DESCRIPTION                                                                       |
|-----------|-----------------------------------------------------------------------------------|
| 604045388 | Vented Equipment Shelf for Mighty Mo Racks - 17.5 W x 5.75 in H x 20 in D - black |



604045388

| PART NO.  | DESCRIPTION                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------|
| 604045681 | Four point equipment shelf for Mighty Mo racks and cabinets - 19 in x 1.75 in x 20 in - black |



604045681

| PART NO. | DESCRIPTION                                                                            |
|----------|----------------------------------------------------------------------------------------|
| 60400538 | Adjustable Four Point Server Rack Equipment Shelf - 19 in x 1.75 in x 30.25 in - Black |



60400538

| PART NO.       | DESCRIPTION                                                                    |
|----------------|--------------------------------------------------------------------------------|
| ESV-19-FDR2126 | Adjustable Equipment Shelf - Vented - 3.34 in H x 17.50 in W x 21 in - 26 in D |
| ESV-19-FDR2732 | Adjustable Equipment Shelf - Vented - 3.34 in H x 17.50 in W x 27 in - 32 in D |



ESV-19-FST1520

| PART NO.       | DESCRIPTION                                                                        |
|----------------|------------------------------------------------------------------------------------|
| ESV-19-FST2126 | Adjustable Pull-Out Equipment Shelf - Vented - 3.47 in H x 17.50 in W x 26.17 in D |
| ESV-19-FST2732 | Adjustable Pull-Out Equipment Shelf - Vented - 3.47 in H x 17.50 in W x 32.17 in D |

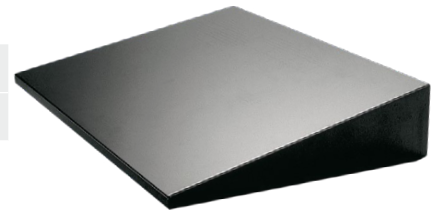
# PHYSICAL SUPPORT SOLUTIONS

## Equipment Shelves

### Wall Mount Shelf

This Wall Mount Shelf is an ideal solution for wall mounting any non-rackmount equipment in a variety of small IT applications. This shelf is designed to evenly distributed weight with its steel construction. Six keyhole openings on the rear of the shelf for mounting are spaced 16 in on center for standard wall studs.

| PART NO.  | DESCRIPTION                                      |
|-----------|--------------------------------------------------|
| 604044927 | Wall Mount Shelf - 20 x 4.875 in x 18 in - Black |



604044927

### Equipment Support Bracket

Rear Mounted bracket provides additional support for weight distribution and protection from sagging equipment.

| PART NO. | DESCRIPTION                                                            |
|----------|------------------------------------------------------------------------|
| 60400383 | Equipment Support Bracket, Rear Mount - 1 RU x 1.72 in x 19 in - Black |



60400383



# PHYSICAL SUPPORT SOLUTIONS

## Wall & Pathway Mount Solutions

### Swing-Out Wall Mount Cabinets

The Swing-Out Wall-Mount (SWM) and Swing-Out Wall-Mount Reinforced SWMR Series wall-mount cabinets provide a convenient and easy-to use solution for edge, IoT, PoE and small network applications. The small form factor cabinets are 28 in deep for medium to large network equipment. The cabinets are made of rugged welded steel and feature locking doors for PCI compliance in retail applications. The hinged, swing-out middle section provides easy access to the rear of mounted equipment. The SWMR series feature heavy duty latch and hinges to accommodate heavier weight loads. The SWM and SWMR series cabinets are perfect for secure networks, small data closets, retail, educational, edge computing, and all areas where floor space is at a premium.

### Swing-Out Wall Mount Cabinets

| PART NO.        | HEIGHT  | RAIL TYPE | DOOR TYPE  | LOAD RATING | DESCRIPTION                               |
|-----------------|---------|-----------|------------|-------------|-------------------------------------------|
| SWM12RUPD-26-26 | 25 in   | 12 RU     | Perforated | 125 lbs     | Swing-Out Cabinet, 12 RU, Perforated Door |
| SWM12RUPL-26-26 | 25 in   | 12 RU     | Plexiglass | 125 lbs     | Swing-Out Cabinet, 12 RU, Plexiglass Door |
| SWM12RUSD-26-26 | 25 in   | 12 RU     | Solid      | 125 lbs     | Swing-Out Cabinet, 12 RU, Solid Door      |
| SWM18RUPD-26-26 | 35.5 in | 18 RU     | Perforated | 150 lbs     | Swing-Out Cabinet, 18 RU, Perforated Door |
| SWM18RUPL-26-26 | 35.5 in | 18 RU     | Plexiglass | 150 lbs     | Swing-Out Cabinet, 18 RU, Plexiglass Door |
| SWM18RUSD-26-26 | 35.5 in | 18 RU     | Solid      | 150 lbs     | Swing-Out Cabinet, 18 RU, Solid Door      |
| SWM26RUPD-26-26 | 49.5 in | 26 RU     | Perforated | 200 lbs     | Swing-Out Cabinet, 26 RU, Perforated Door |
| SWM26RUPL-26-26 | 49.5 in | 26 RU     | Plexiglass | 200 lbs     | Swing-Out Cabinet, 26 RU, Plexiglass Door |
| SWM26RUSD-26-26 | 49.5 in | 26 RU     | Solid      | 200 lbs     | Swing-Out Cabinet, 26 RU, Solid Door      |

SWM26RUSD-26-26



SWM18RUPD-26-26



SWM12RUPL-26-26

### Reinforced Swing Out Wall Mount Cabinets

| PART NO.         | HEIGHT  | RAIL TYPE | DOOR TYPE  | LOAD RATING | DESCRIPTION                                           |
|------------------|---------|-----------|------------|-------------|-------------------------------------------------------|
| SWMR12RUPD-26-26 | 25 in   | 12 RU     | Perforated | 225 lbs     | Swing-Out Cabinet, Reinforced, 12 RU, Perforated Door |
| SWMR12RUPL-26-26 | 25 in   | 12 RU     | Plexiglass | 225 lbs     | Swing-Out Cabinet, Reinforced, 12 RU, Plexiglass Door |
| SWMR12RUSD-26-26 | 25 in   | 12 RU     | Solid      | 225 lbs     | Swing-Out Cabinet, Reinforced, 12 RU, Solid Door      |
| SWMR18RUPD-26-26 | 35.5 in | 18 RU     | Perforated | 325 lbs     | Swing-Out Cabinet, Reinforced, 18 RU, Perforated Door |
| SWMR18RUPL-26-26 | 35.5 in | 18 RU     | Plexiglass | 325 lbs     | Swing-Out Cabinet, Reinforced, 18 RU, Plexiglass Door |
| SWMR18RUSD-26-26 | 35.5 in | 18 RU     | Solid      | 325 lbs     | Swing-Out Cabinet, Reinforced, 18 RU, Solid Door      |
| SWMR26RUPD-26-26 | 49.5 in | 26 RU     | Perforated | 350 lbs     | Swing-Out Cabinet, Reinforced, 26 RU, Perforated Door |
| SWMR26RUPL-26-26 | 49.5 in | 26 RU     | Plexiglass | 350 lbs     | Swing-Out Cabinet, Reinforced, 26 RU, Plexiglass Door |
| SWMR26RUSD-26-26 | 49.5 in | 26 RU     | Solid      | 350 lbs     | Swing-Out Cabinet, Reinforced, 26 RU, Solid Door      |

# PHYSICAL SUPPORT SOLUTIONS

## Wall & Pathway Mount Solutions

### EIA Mounting Rail Kits

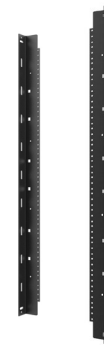
| PART NO.  | DESCRIPTION                                   |
|-----------|-----------------------------------------------|
| SWMRK12RU | Vertical rail kit, 12RU, 12-24 Threaded Holes |
| SWMRK18RU | Vertical rail kit, 18RU, 12-24 Threaded Holes |
| SWMRK26RU | Vertical rail kit, 26RU, 12-24 Threaded Holes |

### Accessories

| PART NO.   | DESCRIPTION                       |
|------------|-----------------------------------|
| SWMPDU12RU | PDU Mounting Kit, 12RU, Swing Out |
| SWMPDU18RU | PDU Mounting Kit, 18RU, Swing Out |
| SWMPDU26RU | PDU Mounting Kit, 26RU, Swing Out |

| PART NO.   | DESCRIPTION                                         |
|------------|-----------------------------------------------------|
| SWMVFK12RU | Cable Management Kit, 12RU, Swing Out - Qty 2 Rails |
| SWMVFK18RU | Cable Management Kit, 18RU, Swing Out - Qty 2 Rails |
| SWMVFK26RU | Cable Management Kit, 26RU, Swing Out - Qty 2 Rails |

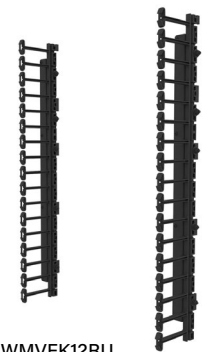
| PART NO.  | DESCRIPTION                                  |
|-----------|----------------------------------------------|
| SWMHMBM12 | Horizontal Mounting Bracket Kit, 2 RU        |
| SWMFSK    | Fiber Spool Mounting Kit                     |
| SWMCASKT  | Caster Mounting Kit, Swing-Out Wall Cabinet  |
| SWMRRCVR  | Rear Cover Panel Kit, Swing-Out Wall Cabinet |



SWMRK12RU



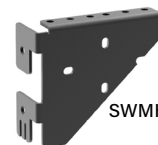
SWMPDU12RU



SWMVFK12RU



SWMFSK



SWMHMBM12



SWMCASKT

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

# PHYSICAL SUPPORT SOLUTIONS

## Vertical Wall Mount Cabinets

**The Vertical Wall-Mount (VWM) Series** wall-mount cabinets offer the most versatile solution for edge computing in a small form factor. The low-profile design positions large, rack mount equipment vertically, while allowing access for upgrades, refreshes and adds/drops. The extensive offering of accessories allows a single cabinet to support not only 4RU or 8RU of fixed rack mount equipment, but also additional space for network connectivity mounting both vertically and horizontally. The VWM series is available in two distinct versions—full door and split door—for dual user access, and both feature locking doors for PCI compliance. The VWM series cabinet is capable of housing a complete network, including up to 8RU of traditional rack mount equipment, power, thermal management and connectivity. Deploy the cabinet for a low-profile, edge solution that can support any application.



VWMFD-8RU-36-B

### Vertical Wall Mount Cabinets

| PART NO.       | HEIGHT | DEPTH | RAIL TYPE   | DOOR TYPE | OPTIONAL RAIL ACCESSORY MOUNTING |
|----------------|--------|-------|-------------|-----------|----------------------------------|
| VWMFD-4RU-36-B | 36 in  | 12 in | 4 RU, Fixed | Full      | 2RU/4RU Pivoting, 4RU Fixed      |
| VWMFD-8RU-36-B | 36 in  | 18 in | 8 RU, Fixed | Full      | 2RU/4RU Pivoting, 4RU/8RU Fixed  |
| VWMSD-4RU-36-B | 36 in  | 12 in | 4 RU, Fixed | Split     | 2RU/4RU Pivoting, 4RU Fixed      |
| VWMSD-4RU-42-B | 42 in  | 12 in | 4 RU, Fixed | Split     | 2RU/4RU Pivoting, 4RU Fixed      |
| VWMSD-8RU-36-B | 36 in  | 18 in | 8 RU, Fixed | Split     | 2RU/4RU Pivoting, 4RU/8RU Fixed  |
| VWMSD-8RU-42-B | 42 in  | 18 in | 8 RU, Fixed | Split     | 2RU/4RU Pivoting, 4RU/8RU Fixed  |

### EIA Mounting Rail Kits

| PART NO.    | DESCRIPTION                     |
|-------------|---------------------------------|
| VWM-PIV-2RU | Pivoting Rail Mounting Kit, 2RU |
| VWM-PIV-4RU | Pivoting Rail Mounting Kit, 4RU |
| VWM-RR-4RU  | Fixed Rail Mounting Kit, 4RU    |
| VWM-RR-8RU  | Fixed Rail Mounting Kit, 8RU    |



VWM-RR-4RU



VWM-PIV-2RU

# PHYSICAL SUPPORT SOLUTIONS

## Vertical Wall Mount Cabinets

### Accessories

| PART NO.  | DESCRIPTION                      |
|-----------|----------------------------------|
| VWM-ZRU-B | Zero RU Patch Panel Mounting Kit |

| PART NO.    | DESCRIPTION                                                                      |
|-------------|----------------------------------------------------------------------------------|
| VWMFK-115   | VWM Fan Kit With 115 VAC Fans (Includes 2 Fans and Mounting Hardware)            |
| VWMFKS-115  | VWM Fan Kit With 115 VAC Fan (Includes Fan and Mounting Hardware)                |
| VWMFK-12VDC | VWM Fan Kit With 115 VDC Fans (Includes 2 Fans and Mounting Hardware)            |
| VWMFK-220   | VWM Fan Kit With 220 VAC Fans (Includes 2 Fans and Mounting Hardware)            |
| FFK4D-M     | Fan Filter Kit, 4 inch, Dual, Black (kit includes frames and filters for 2 fans) |
| FFK4S-M     | Fan Filter Kit, 4 inch, Single, Black (kit includes frame and filter for 1 fan)  |

| PART NO.        | DESCRIPTION                                                       |
|-----------------|-------------------------------------------------------------------|
| VWMBGK          | VWM Top Brush Grommet Kit                                         |
| VWMBPLL         | VWM Back Pan Lever Lock™ Assembly Kit                             |
| VWMFDLL-36F-42S | VWM Front Door Lever Lock Kit, 36 in Full Door & 42 in Split Door |
| VWMFDLL-36S     | VWM Front Door Lever Lock Kit, 36 in Split Door                   |

| PART NO. | DESCRIPTION                   |
|----------|-------------------------------|
| VWMGR-30 | Circular Knockout Grommet Kit |

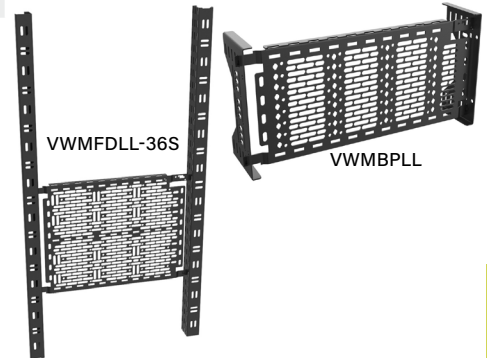
| PART NO. | DESCRIPTION                                                                                  |
|----------|----------------------------------------------------------------------------------------------|
| FCGK4-M  | Fan Cut-Out Grommet Kit, 4 inch, Magnesium (Split grommet kit covers one 4-inch fan opening) |



VWM-ZRU-B



VWMFK-115

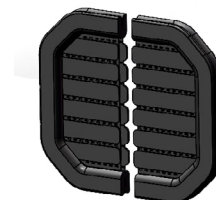


VWMFDLL-36S

VWMBPLL



VWMGR-30



FCGK4-M

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

# PHYSICAL SUPPORT SOLUTIONS

## Compact Edge Cabinets

### Compact Edge Cabinets

The Compact Edge Cabinet (CEC) series wall-mount cabinet offer a unique versatile solution for edge computing, purpose built for equipment and application advancements all in a small form factor. The low-profile design positions rack mount equipment vertically, while allowing access for upgrades, refreshes and adds/drops. When opened the back-pan equipment and connectivity remain in place while the enclosure swings out maximizing accessibility and management. The CEC series cabinet is capable of housing a complete network, including up to 4RU of traditional rack mount equipment, power, thermal management and connectivity. Deploy the cabinet for a low-profile, edge solution that can support any application.



CECWM4RUPL-M



CECWM4RUPD-W

#### Features:

- Wide Open Access: When opened the back-pan, equipment, and connectivity remain in place – While the enclosure swings out allowing unfettered accessibility and management.
- PCI Compliance: User access is controlled by an integrated swing handle with lock.
- Vertical Rack Mount: Enables low-profile mounting allowing for easy installation, access, and maintenance.
- Maximizing Space: Two pairs of 4 RU rails are supplied to mount a variety of network equipment, auxiliary equipment, power and panel. One Pivoting Panel Mounting Bracket Kit has been supplied to free up vertical space and improve access to the rear of installed patch panels. (Additional kits sold separately - CECPPM1RU)



CECWM4RUSD-B

| PART NO.     | HEIGHT  | RAIL TYPE | DOOR TYPE  | LOAD RATING | DESCRIPTION                                 |
|--------------|---------|-----------|------------|-------------|---------------------------------------------|
| CECWM4RUPD-X | 26.4 in | 4 RU      | Perforated | 135 lbs**   | Compact Edge Cabinet, 4 RU, Perforated Door |
| CECWM4RUPL-X |         |           | Plexiglass |             | Compact Edge Cabinet, 4 RU, Plexiglass Door |
| CECWM4RUSD-X |         |           | Solid      |             | Compact Edge Cabinet, 4 RU, Solid Door      |

NOTE: Replace X with M (Magnesium), B (Black), W (White)

Load Rating is 135lbs total (125 per pair mounting rails and 10lbs on the door)

| PART NO.    | HEIGHT                           |
|-------------|----------------------------------|
| CECPPM1RU-M | Pivoting Panel Mount Bracket Kit |



CECPPM1RU-M

# PHYSICAL SUPPORT SOLUTIONS

## Legrand Wall Mount Racks

Legrand Wall Mount Racks and hinged wall mount brackets are designed for applications where space is critical. Their wall mount design increases closet wiring capacity while allowing rear access to patch panels and equipment.

### Swing-EZ Wall Mount Racks

The patented Swing-EZ wall rack arrives ready to square and keyholes mount in minutes. Reinforcement plates stabilize the frame to allow maximum load bearing capacity. Hub and LAN applications are easily accommodated without door deflection. Latch pins or bolts secure the door to the frame and remove to swing open smoothly from the left or right.

| PART NO.    | DIMENSIONS                   | RU | LOAD RATING |
|-------------|------------------------------|----|-------------|
| 19-21-T8DB  | 21 in H x 19.75 in x 8 in D  | 11 | 75 lbs      |
| 19-35-T8DB  | 35 in H x 19.75 in x 8 in D  | 19 |             |
| 19-21-T12DB | 21 in H x 19.75 in x 12 in D | 11 |             |
| 19-35-T12DB | 35 in H x 19.75 in x 12 in D | 19 |             |
| 19-48-T12DB | 48 in H x 19.75 in x 12 in D | 26 |             |
| 19-21-T18DB | 21 in H x 19.75 in x 18 in D | 11 |             |
| 19-35-T18DB | 35 in H x 19.75 in x 18 in D | 19 |             |
| 19-48-T18DB | 48 in H x 19.75 in x 18 in D | 26 |             |
| 19-21-T25DB | 21 in H x 19.75 in x 25 in D | 11 |             |
| 19-35-T25DB | 35 in H x 19.75 in x 25 in D | 19 |             |
| 19-48-T25DB | 48 in H x 19.75 in x 25 in D | 26 |             |



19-21-T8DB

# PHYSICAL SUPPORT SOLUTIONS

## Legrand Wall Mount Racks

### Swing Wall Mount Racks

Legrand swing wall mount racks offer the flexibility of an 18 in deep wall mounted unit for mounting telecommunications and data equipment. They are available in three heights, with front swing gates and 19 in #12-24 threaded EIA pattern. Black.

| PART NO.  | DIMENSIONS                   | RU | LOAD RATING |
|-----------|------------------------------|----|-------------|
| 604045400 | 26 in H x 20.25 in x 18 in D | 12 | 75 lbs      |
| 604045450 | 38 in H x 20.25 in x 18 in D | 18 | 100 lbs     |
| 604045451 | 50 in H x 20.25 in x 18 in D | 25 | 125 lbs     |

NOTE: Fully assembled, supplied with 10 self-adhesive saddles and (12) 6 in hook and loop straps.



604045400

### Fixed Wall Mount Racks

Legrand fixed wall mount racks offer the flexibility of either a 12 in or 18 in deep wall mounted unit for mounting 19 in telecommunications and data equipment. They are available in three heights with #12-24 threaded EIA rails – Black.

| PART NO.   | DIMENSIONS                      | RU | LOAD RATING |
|------------|---------------------------------|----|-------------|
| WMRF-8-12  | 17.75 in H x 19.78 in x 12 in D | 8  | 200 lbs     |
| WMRF-15-12 | 30 in H x 19.78 in x 12 in D    | 15 | 200 lbs     |
| WMRF-30-12 | 56.25 in H x 19.78 in x 12 in D | 30 | 175 lbs     |
| WMRF-8-18  | 17.75 in H x 19.78 in x 18 in D | 8  | 150 lbs     |
| WMRF-15-18 | 30 in H x 19.78 in x 18 in D    | 15 | 150 lbs     |
| WMRF-30-18 | 56.25 in H x 19.78 in x 18 in D | 30 | 125 lbs     |



WMRF-15-12



# PHYSICAL SUPPORT SOLUTIONS

## Hinged & Vertical Wall Mount Brackets

### Hinged Wall Mount Brackets

Legrand® hinged wall mount brackets meet smaller system requirements and allow easy access to the rear of the panels. Holes in back allow for rear cable feed through. These brackets are available in four heights, with 19 in #12-24 threaded EIA pattern Fully assembled – Black.

| PART NO.  | DIMENSIONS                   | RU |
|-----------|------------------------------|----|
| 604004396 | 3.5 in H x 19 in W x 6 in D  | 2  |
| 604004301 | 5.25 in H x 19 in W x 6 in D | 3  |
| 604004068 | 7 in H x 19 in W x 6 in D    | 4  |
| 604004645 | 10.5 in H x 19 in W x 6 in D | 6  |



604004396



604004645

### Vertical Wall Mount Brackets

Legrand vertical wall mount brackets provide the ability to mount up to 4 rack units of equipment vertically on a wall. The innovative design also allows the brackets to be mounted to a 19 in rack, under a work surface or even under Cablofil tray with optional hardware. The 3/8 in square holes and installed #12-24 RU nuts allow patch panels, switches or even servers to be mounted to the brackets – Black.

| PART NO. | DIMENSIONS                    | RU | LOAD RATING |
|----------|-------------------------------|----|-------------|
| WMBV2U   | 6 in H x 20.25 in x 4.58 in D | 2  | 200 lbs     |
| WMBV3U   | 6 in H x 20.25 in x 6.35 in D | 3  |             |
| WMBV4U   | 6 in H x 20.25 in x 8.10 in D | 4  |             |

NOTE: Supplied with (4) #12-24 screws per rack unit and (10) 6 in hook and loop fasteners.



WMBV4U

# PHYSICAL SUPPORT SOLUTIONS

## Overhead Cable Pathway Racks

The Mighty Mo Overhead cable Pathway Rack simplifies above rack cable management by adding RU space for patch panels without taking up any additional floor space. The racks can be easily installed in several orientations using threaded rods suspended from the ceiling or by being attached to existing overhead cable pathway systems from Legrand, including Cablofil® wire mesh tray and tubular runway.

The Mighty Mo overhead cable pathway rack features up to eight rack units and a snap-fit 3-piece plastic waterfall which allows for exceptional cable egress down to adjacent racks or cabinets. Manufactured from a welded steel frame, the rugged overhead rack is ready to install right out of the box, perfect for new builds or retrofits in data centers and telecom rooms.

### Mighty Mo Overhead Cable Pathway Racks

The Mighty Mo® cable pathway rack series is available in RU increments from 2RU through 8RU, and in both black and white.

| PART NO.    | DESCRIPTION                                | RU |
|-------------|--------------------------------------------|----|
| MMOHR-2RU-X | Mighty Mo Overhead Cable Pathway Rack, 2RU | 2  |
| MMOHR-3RU-X | Mighty Mo Overhead Cable Pathway Rack, 3RU | 3  |
| MMOHR-4RU-X | Mighty Mo Overhead Cable Pathway Rack, 4RU | 4  |
| MMOHR-5RU-X | Mighty Mo Overhead Cable Pathway Rack, 5RU | 5  |
| MMOHR-6RU-X | Mighty Mo Overhead Cable Pathway Rack, 6RU | 6  |
| MMOHR-7RU-X | Mighty Mo Overhead Cable Pathway Rack, 7RU | 7  |
| MMOHR-8RU-X | Mighty Mo Overhead Cable Pathway Rack, 8RU | 8  |

NOTE: For color, replace X with B (Black), W (White).



MMOHR-2RU-W  
CABLOFIL MOUNTED



MMOHR-6RU-B  
TUBULAR RUNWAY  
MOUNTED



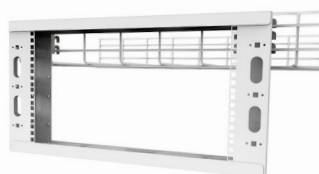
MMOHR-6RU-W  
THREADED ROD  
MOUNTED

# PHYSICAL SUPPORT SOLUTIONS

## Overhead Cable Pathway Racks

### Q-Series Overhead Cable Pathway Racks

The Q-Series cable pathway rack series is available in RU increments from 2RU through 8RU, and in both black and white.



QSOHR-6RU-W  
CABLOFIL MOUNTED



QSOHR-5RU-B  
TUBULAR RUNWAY  
MOUNTED



QSOHR-6RU-W  
THREADED ROD MOUNTED

| PART NO.    | DESCRIPTION                               | RU |
|-------------|-------------------------------------------|----|
| QSOHR-2RU-X | Q-Series Overhead Cable Pathway Rack, 2RU | 2  |
| QSOHR-3RU-X | Q-Series Overhead Cable Pathway Rack, 3RU | 3  |
| QSOHR-4RU-X | Q-Series Overhead Cable Pathway Rack, 4RU | 4  |
| QSOHR-5RU-X | Q-Series Overhead Cable Pathway Rack, 5RU | 5  |
| QSOHR-6RU-X | Q-Series Overhead Cable Pathway Rack, 6RU | 6  |
| QSOHR-7RU-X | Q-Series Overhead Cable Pathway Rack, 7RU | 7  |
| QSOHR-8RU-X | Q-Series Overhead Cable Pathway Rack, 8RU | 8  |

NOTE: For color, replace X with B (Black), W (White).

### Q-Series Overhead Cable Pathway Racks Accessories

| PART NO.    | DESCRIPTION                 |
|-------------|-----------------------------|
| QSOHR-RMK-X | Runway Mounting Bracket Kit |

NOTE: For color, replace X with B (Black), W (White).

| PART NO.    | DESCRIPTION                                  |
|-------------|----------------------------------------------|
| QSOHR-CRB-X | Cable Management Ring, Kit of (4) 3 in Rings |

NOTE: For color, replace X with B (Black), W (White).

| PART NO.  | DESCRIPTION                        |
|-----------|------------------------------------|
| PS-1224CN | Cage Nuts 12-24 Thread, Pack of 50 |



QSOHR-RMK-B



QSOHR-RMK-B



PS-1224CN

# Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Hardware & Accessories

### Panel Mounting Screws & Cage Nuts

Legrand® mounting screws replace lost or damaged screws for patch panels and cable management panels. These combination head screws with #12-24 threads have a pilot point for easy starting. Black.

| PART NO. | DESCRIPTION                            |
|----------|----------------------------------------|
| 60400005 | Panel Mounting Screw – Black, Set Of 4 |



60400005

| PART NO. | DESCRIPTION                                           |
|----------|-------------------------------------------------------|
| 60400533 | Panel Mounting Screw, 12-24 x 5/8 - Black, Pack of 50 |



60400533

| PART NO.  | DESCRIPTION                    |
|-----------|--------------------------------|
| PS-1224CN | 12-24 Cage Nut Kit, Pack of 50 |



PS-1224CN

| PART NO.  | DESCRIPTION                 |
|-----------|-----------------------------|
| PS-M6X1CN | M6 Cage Nut Kit, Pack of 50 |



PS-M6X1CN

| PART NO.  | DESCRIPTION                             |
|-----------|-----------------------------------------|
| RU-1224CN | Rack Unit Cage Nuts, #12-24, Pack of 50 |



RU-1224CN

| PART NO.   | DESCRIPTION                                            |
|------------|--------------------------------------------------------|
| MM201224CN | 12-24 Cage Nut Kit for .125 thick material, Pack of 50 |



MM201224CN

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Hardware & Accessories

### Bracing Kit & Adapter Brackets

Earthquake bracing kits secure installations against excessive damage from earthquakes, or simply add another measure of stability in areas not zoned. The kit is easy to install: Drill a 5/8 in clearance hole in the top angle of your rack; attach brackets to both ends of a 5/8 in-11 in threaded rod (ordered separately); then brace the assembly to a beam, column or load-bearing wall.

| PART NO. | DESCRIPTION            |
|----------|------------------------|
| Z4-RR-WC | Earthquake Bracing Kit |



Z4-RR-WC

| PART NO.  | DESCRIPTION                      | RU |
|-----------|----------------------------------|----|
| 604045108 | Rack Adapter Kit, 19 in to 23 in | 1  |
| 604045109 |                                  | 2  |
| 604045110 |                                  | 3  |
| 604045111 |                                  | 4  |
| 604045112 |                                  | 5  |



604045109

### Cable Management Straps

Cable management straps provide an organized solution for the management of patch and horizontal distribution cables. The 3/4 in W straps have a hook and loop type closure to secure and administer cables without damaging the construction of the copper or fiber cable.

| PART NO.    | DESCRIPTION                                                                          |
|-------------|--------------------------------------------------------------------------------------|
| 70700107-00 | 12"L x .75"W D-Ring Hook-Loop Strap, grip range: 1.5" to 2.5", diam., Black, 12 Pack |
| 70700188-00 | 12"L x .75"W Hook-Loop Strap, grip range: 1.25" to 3.25", diameter, Black, 10 Pack   |
| 70700189-00 | 6"L x .75"W Hook-Loop Strap, grip range: .625" to 1.625", diameter, Black, 10 Pack   |



70700107-00



70700189-00

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

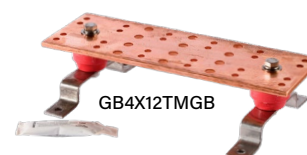
## Bonding Bars & Kits

### Primary Bonding Busbars & Kits

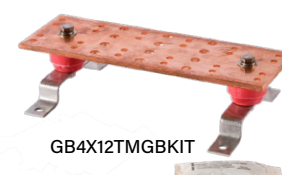
Manufactured of 1/4 in thick electrolytic tough pitch 110 alloy copper bar. Includes 1-1/2 in insulators and 1 in offset stainless steel mounting brackets. Includes one 1/2 oz. tube of antioxidant joint compound. Meets BICSI and ANSI/TIA-607 standards.

**Kits include:** (1) Copper bonding bar with brackets and insulators, (6) #6 compression lugs, (3) #2 compression lugs, (1) 2/0 compression lug, (1) 4/0 compression lug, (12) 1/4 in-20 x 3/4 in SS hex head cap screw, (12) 1/4 in-20 SS lock washer, (12) 1/4 in-20 SS hex nut, (6) 3/8 in-16 x 1 in SS hex head cap screw, (6) 3/8 in-16 SS lock washer, (6) 3/8 in-16 SS hex nut.

| PART NO.   | DESCRIPTION                                                                                     |
|------------|-------------------------------------------------------------------------------------------------|
| GB4X12TMGB | Telecommunications Main Ground Bar, 12 in W x 4 in H, 12-5/16 in hole sets, 6-7/16 in hole sets |
| GB4X20TMGB | Telecommunications Main Ground Bar, 20 in W x 4 in H, 24-5/16 in Hole Sets, 6-7/16 in Hole Sets |



| PART NO.      | DESCRIPTION                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------|
| GB4X12TMGBKIT | Telecommunications Main Ground Bar Kit, 12 in W x 4 in H, 12-5/16 in hole sets, 6-7/16 in hole sets |
| GB4X20TMGBKIT | Telecommunications Main Ground Bar Kit, 20 in W x 4 in H, 24-5/16 in hole sets, 6-7/16 in hole sets |



### Secondary Bonding Busbars & Kits

Manufactured of 1/4 in thick electrolytic tough pitch 110 alloy copper bar. Includes 1-1/2 in insulators and 1 in offset stainless steel mounting brackets. Includes one 1/2 oz. tube of antioxidant joint compound. Meets BICSI and ANSI/TIA-607 standards. Kits include: (1) Copper bonding bar with brackets and insulators, (6) #6 compression lugs, (3) #2 compression lugs, (1) 2/0 compression lug, (1) 4/0 compression lug, (12) 1/4 in-20 x 3/4 in SS hex head cap screw, (12) 1/4 in-20 SS lock washer, (12) 1/4 in-20 SS hex nut, (6) 3/8 in-16 x 1 in SS hex head cap screw, (6) 3/8 in-16 SS lock washer, (6) 3/8 in-16 SS hex nut.

| PART NO.  | DESCRIPTION                                                                                    |
|-----------|------------------------------------------------------------------------------------------------|
| GB2X10TGB | Telecommunications Main Ground Bar, 10 in W x 2 in H, 4-5/16 in hole sets, 3-7/16 in hole sets |
| GB2X12TGB | Telecommunications Main Ground Bar, 12 in W x 2 in H, 6-5/16 in hole sets, 3-7/16 in hole sets |



| PART NO.     | DESCRIPTION                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------|
| GB2X12TGBKIT | Telecommunications Main Ground Bar Kit, 12 in W x 2 in H, 6-5/16 in hole sets, 3-7/16 in hole sets |



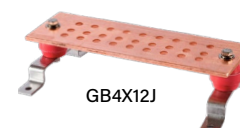


# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Bonding Bars & Kits

### Standard Bonding Busbar

| PART NO. | DESCRIPTION                                     |
|----------|-------------------------------------------------|
| GB4X12J  | Standard Ground Bar, 12 in W x 4 in H, 27 holes |
| GB4X20J  | Standard Ground Bar, 20 in W x 4 in H, 51 holes |



GB4X12J

### Wall Mounting Bracket Kit

| PART NO. | DESCRIPTION                                                                                 |
|----------|---------------------------------------------------------------------------------------------|
| GBWMBKIT | Wall Mounting Bracket Kit, Set of (2) with insulators and hardware to mount to a ground bar |



GBWMBKIT

### Vertical Rack Bonding Busbars & Kits

Manufactured of 1/4 in thick electrolytic tough pitch 110 copper alloy bar. Accommodates one hole lugs or two hole lugs (5/8 in on center). 36 in bar has 2 PEM studs at one end and the 72 in bar has 2 PEM studs at both ends for bonding conductor connection. Kits include: (1) 1/4 in thick electrolytic tough pitch 110 copper alloy bar, (8) 1/4 in x 1/2 in stainless steel hex head cap screw, (3) White delrin insulators, (4) 5/16 in stainless steel lock washer, (8) 1/4 in stainless steel lock washer, (3) #12-24 x 5/8 in hex washer head screw, (4) 5/16 in stainless steel hex nut, (1) Two-hole long barrel compression lug.



GBV36

| PART NO. | DESCRIPTION                             |
|----------|-----------------------------------------|
| GBV36    | Vertical Ground Bar, 36 in L x 5/8 in W |
| GBV72    | Vertical Ground Bar, 72 in L x 5/8 in W |



GBV36KIT

| PART NO. | DESCRIPTION                                 |
|----------|---------------------------------------------|
| GBV36KIT | Vertical Ground Bar Kit, 36 in L x 5/8 in W |
| GBV72KIT | Vertical Ground Bar Kit, 72 in L x 5/8 in W |

### Horizontal Rack Bonding Busbars & Kits

Kits include: (1) 1/4 in thick electrolytic tough pitch 110 copper alloy bar, (1) 3 in bar splice plate with 2 slotted holes, (2) White delrin insulators, (2) 12-24 x 5/8 in hex washer head screw, (2) #12-24 x 3/4 in copper flashed brass screw, (2) #12 copper flat washer, (8) #6-32 x 1/4 in copper flashed brass screw, (8) #6 ring terminal, (1) #6 long barrel compression lug, 3/4 in o.c. for 1/4 in hardware, (2) 1/4 in-20 x 3/4 in stainless steel cap screw, (2) 1/4 in stainless steel lock washer, (2) 1/4 in-20 stainless steel nut



GBH19KIT

| PART NO. | DESCRIPTION                                      |
|----------|--------------------------------------------------|
| GBH19KIT | Horizontal Ground Bar Kit, 19 in W x 1 in H, EIA |

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Compression Lugs & Taps

### Two Hole Long Barrel Compression Lugs

Manufactured from electroplated tinned copper. Long barrels maximize number of crimps and are color coded. Inspection port assures full conductor insertion. 10pk.

| PART NO. | CABLE SIZE | O.C. DIMENSION BETWEEN HOLES | SCREW SIZE | COLOR CODE |
|----------|------------|------------------------------|------------|------------|
| CL2LB6A  | 6          | .625 in                      | 1/4 in     | Blue       |
| CL2LB6B  | 6          | .75 in                       | 3/8 in     | Blue       |
| CL2LB6C  | 6          | 1 in                         | 3/8 in     | Blue       |
| CL2LB2A  | 2          | .625 in                      | 1/4 in     | Brown      |
| CL2LB2C  | 2          | 1 in                         | 3/8 in     | Brown      |
| CL2LB10C | 1/0        | 1 in                         | 3/8 in     | Pink       |
| CL2LB20C | 2/0        | 1 in                         | 3/8 in     | Black      |
| CL2LB30C | 3/0        | 1 in                         | 3/8 in     | Orange     |
| CL2LB40C | 4/0        | 1 in                         | 3/8 in     | Purple     |



TABLE OF CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL SUPPORT

CABLOFIL

INDEX

## Bonding & Grounding

### C-Type Compression Taps

Connects two copper conductors together with a hydraulic crimp tool. 10 pack.

| PART NO. | CONDUCTOR RUN            | CONDUCTOR TAP        |
|----------|--------------------------|----------------------|
| CTHD4666 | #4 Stranded #6 Solid     | #6 Stranded #6 Solid |
| CTHD4446 | #4 Stranded #6 Solid     | #4 Stranded #4 Solid |
| CTHD2248 | #2 Stranded #2 Solid     | #4 Stranded #8 Solid |
| CTHD2222 | #2 Stranded #2 Solid     | #2 Stranded #2 Solid |
| CTHD220  | 2/10 Stranded 1/10 Solid | #2 Stranded #8 Solid |



CTHD2248

### Mechanical Compression Tools

| PART NO. | DESCRIPTION                                                                                                                                                                                            |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MCT810   | Terminates copper compression connectors in wire sizes #8 through 1/0. Dies included.                                                                                                                  |
| MCT840   | Dieless adjustable compression tool with steel handle. Works with copper conductor sizes #8 through 250MCM and aluminum conductors #8 through 4/0. For use with compression lugs and compression taps. |

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Bonding Jumper & Lugs

### Insulated Bonding Jumper Kit

| PART NO. | DESCRIPTION                                                                |
|----------|----------------------------------------------------------------------------|
| GJ8KIT   | Bonding jumper assembly kit, #6 AWG x 7 strand green THW insulation, 8 inL |



GJ8KIT

### Copper Offset Terminal Lugs

| PART NO. | DESCRIPTION                                                                                |
|----------|--------------------------------------------------------------------------------------------|
| COTL1014 | Wire range: max 10-strand, min 14-strand, bolt hole size: #8, ampere rating: 25. 10 Pack   |
| COTL28   | Wire range: max 2-strand, min 8-strand, bolt hole size: 1/4 in, ampere rating: 70. 10 Pack |
| COTL614  | Wire range: max 6-strand, min 14-strand, bolt hole size: #8, ampere rating: 50. 10 Pack    |



COTL1014

### Bonding Kit for Racks

This kit provides a reliable systems bond for the distribution rack. One bonding kit is recommended for each rack.

| PART NO. | DESCRIPTION                                                |
|----------|------------------------------------------------------------|
| 60400010 | Single conductor ground lug for 6 AWG to 14 AWG conductors |



60400010

### Two Hole Ground Lug

Allows bonding of racks and cabinets utilizing the standard EIA/TIA hole pattern. Manufactured of electro-tin plated aluminum and allows attachment of copper or aluminum conductor sizes from 14AWG to 2/0. Meets BICSI and ANSI/TIA-607 recommendations for two hole mounting. Includes two 3/8 in x 1 in hex socket head set screws.

| PART NO. | DESCRIPTION                                 |
|----------|---------------------------------------------|
| GL2014   | Bolt hole size: 1/4 in, O.C. spacing 5/8 in |



GL2014

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Antioxidant & Isolation Pads

### Aluminum Antioxidant

Synthetic base with suspended zinc particles. Material is gray in color. Recommended for aluminum to aluminum, aluminum to copper and aluminum conduit threads.

| PART NO. | DESCRIPTION                                               |
|----------|-----------------------------------------------------------|
| AJCA     | Aluminum Antioxidant Joint Compound, 1/2 oz. - Pack of 12 |
| AJCA8    | Aluminum Antioxidant Joint Compound, 8oz.                 |



AJCA8

### Copper Antioxidant

Synthetic base compound with suspended copper particles. Material is copper in color. Recommended for copper to copper connections, copper threads and all ground applications.

| PART NO. | DESCRIPTION                                             |
|----------|---------------------------------------------------------|
| AJCC     | Copper Antioxidant Joint Compound, 1/2 oz. - Pack of 12 |
| AJCC8    | Copper Antioxidant Joint Compound, 8oz.                 |



AJCC8

### Rack Isolation Pads

Isolates equipment racks from concrete floors for effective bonding and grounding.

| PART NO. | DESCRIPTION                                          |
|----------|------------------------------------------------------|
| IPK      | Isolation Pad Kit for Standard EIA Racks - Pack of 2 |
| MMIPK    | Isolation Pad Kit for Mighty Mo Racks - Pack of 2    |



IPK

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

Flexibility is the key to cable management. Legrand® Cable Runway is designed to adapt to each twist and turn cables must make. Made of lightweight rectangular steel tubing, the runway reduces floor loading and is easy to install and maintain. Steel meets stringent specifications for yield and tensile strength, assuring a strong, light weight product that easily supports and delivers overhead cable.

### Telco Style Tubular Runway

#### Features:

- Tubular cross slats are welded between stringers
- Cross slats feature rounded edges for cable protection
- Runway widths available from 6 in to 24 in
- Standard length is 9 ft x 8.5 in

#### Benefits

- Stringers made of .375 in x 11.5 in high tensile tubular steel
- Cross slats are 1 in x .5 in tubular steel
- Rust-resistant dove gray or black finish
- UL listed

| PART NO.  | DESCRIPTION                                                |
|-----------|------------------------------------------------------------|
| TRT10-6B  | Telco Style Tubular Runway 6 in W x 9 ft, 8.5 in L, Black  |
| TRT10-12B | Telco Style Tubular Runway 12 in W x 9 ft, 8.5 in L, Black |
| TRT10-18B | Telco Style Tubular Runway 18 in W x 9 ft, 8.5 in L, Black |
| TRT10-24B | Telco Style Tubular Runway 24 in W x 9 ft, 8.5 in L, Black |



# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Universal Style Tubular Runway

#### Features:

- Tubular cross slats are welded between stringers
- Cross slats feature rounded edges for cable protection
- Runway widths available from 6 in to 24 in
- Standard length is 9 ft -11 in

#### Benefits

- Stringers made of .375 in x 1.5 in high tensile tubular steel
- Cross slats are 1 in x .5 in tubular steel
- Available in rust-resistant, powder coated black finish only
- UL listed

| PART NO.  | DESCRIPTION                                                   |
|-----------|---------------------------------------------------------------|
| URT10-6B  | Universal Style Tubular Runway 6 in W x 9 ft, 11 in L, Black  |
| URT10-12B | Universal Style Tubular Runway 12 in W x 9 ft, 11 in L, Black |
| URT10-18B | Universal Style Tubular Runway 18 in W x 9 ft, 11 in L, Black |
| URT10-24B | Universal Style Tubular Runway 24 in W x 9 ft, 11 in L, Black |



URT10-12B

### TRT Style Horizontal Radius Runway

Horizontal radius runway allows cables to be routed around horizontal corners. The horizontal radius runway features stringers made of 1-.5 in x .375 in steel tubes; cross slats are 1 in x .5 in x .125 in steel tubes. UL listed.

| PART NO.  | DESCRIPTION                                                                |
|-----------|----------------------------------------------------------------------------|
| TRTHR-12B | TRT Style Horizontal Radius Runway 12 in W x 18.03 in IR x 29.66 in, Black |
| TRTHR-18B | TRT Style Horizontal Radius Runway 18 in W x 18.03 in IR x 35.66 in, Black |

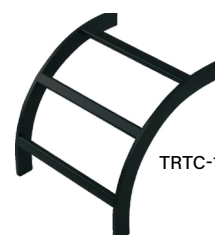


TRTHR-12B

### Vertical Curved Outside Radius Runway

Radius curved runway permits smooth vertical to horizontal transitions. Stringers are 1-.5 in x .375 in steel tubes; cross slats are 1 in x .5 in x .125 in steel tubes. UL listed.

| PART NO. | DESCRIPTION                                          |
|----------|------------------------------------------------------|
| TRTC-6B  | Vertical Curved Outside Radius Runway 6 in W, Black  |
| TRTC-12B | Vertical Curved Outside Radius Runway 12 in W, Black |
| TRTC-18B | Vertical Curved Outside Radius Runway 18 in W, Black |
| TRTC-24B | Vertical Curved Outside Radius Runway 24 in W, Black |



TRTC-12B

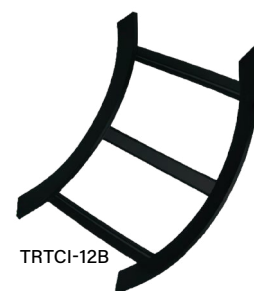
# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Vertical Curved Inside Radius Runway

Radius curved runway permits smooth vertical to horizontal transitions. Stringers are 1-.5 in x .375 in steel tubes; cross slats are 1 in x .5 in x .125 in steel tubes. UL listed.

| PART NO.  | DESCRIPTION                                         |
|-----------|-----------------------------------------------------|
| TRTCI-6B  | Vertical Curved Inside Radius Runway 6 in W, Black  |
| TRTCI-12B | Vertical Curved Inside Radius Runway 12 in W, Black |
| TRTCI-18B | Vertical Curved Inside Radius Runway 18 in W, Black |
| TRTCI-24B | Vertical Curved Inside Radius Runway 24 in W, Black |



### End Closing Kit

The end closing kit includes one end closing tube and two corner clamps for closing the stringers of a single piece of runway.

| PART NO.  | DESCRIPTION                                   |
|-----------|-----------------------------------------------|
| RECBK-6B  | End Closing Kit, for 6 in Wide Runway, Black  |
| RECBK-12B | End Closing Kit, for 12 in Wide Runway, Black |
| RECBK-18B | End Closing Kit, for 18 in Wide Runway, Black |
| RECBK-24B | End Closing Kit, for 24 in Wide Runway, Black |



### Protective Rubber End Caps

Protective end caps conceal sharp runway edges that may harm the installation or injure those administering the installation. Sold in pairs.

| PART NO.   | DESCRIPTION                                            |
|------------|--------------------------------------------------------|
| 2-E1-25C-A | Protective Rubber End Caps for 1.5 in Stringers, Black |



### Ground Strap

Ground straps provide grounding between spliced runway. Simply pre-drill runway to accept the strap, and connect to runway sections using compression lugs. All compression lugs and .5 in-20 in. Constructed of flexible tinned copper flat braid. Kits include: (1) 8 in ground strap, (2) Compression lugs, (2) Toothed lock washers, (2) Hex nuts.

| PART NO. | DESCRIPTION                                       |
|----------|---------------------------------------------------|
| GS-8     | 8 in Ground Strap, 11.5 in H x 6 in W x 11.5 in D |





# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Straight and Corner Clamp Assemblies

Clamps are used to junction runway sections together in a variety of configurations. Whether sections are extended in-line or junctioned perpendicularly or are transitioned from horizontal to vertical, clamps provide a solid connection to assure the runway layout will provide the necessary support for your cabling.

| PART NO.  | DESCRIPTION                                   |
|-----------|-----------------------------------------------|
| P820127H  | Straight Clamp Kit (2 Straight Clamps)        |
| P820127HB | Straight Clamp Kit (2 Straight Clamps), Black |

| PART NO.  | DESCRIPTION                               |
|-----------|-------------------------------------------|
| P820147H  | Corner Clamp Kit (2 Corner Clamps)        |
| P820147HB | Corner Clamp Kit (2 Corner Clamps), Black |



P820127H



P820147H

### Angled Splice Clamp Assemblies

| PART NO.  | DESCRIPTION                                       |
|-----------|---------------------------------------------------|
| P820287H  | 45° Angled Clamp Kit (2 45° Angled Clamps)        |
| P820287HB | 45° Angled Clamp Kit (2 45° Angled Clamps), Black |



P820287H

| PART NO.  | DESCRIPTION                                       |
|-----------|---------------------------------------------------|
| P820327H  | 90° Angled Clamp Kit (2 90° Angled Clamps)        |
| P820327HB | 90° Angled Clamp Kit (2 90° Angled Clamps), Black |



P820327H

| PART NO.   | DESCRIPTION                                             |
|------------|---------------------------------------------------------|
| P820127HA  | Adjustable Angle Clamp Kit (2 Adjustable Clamps)        |
| P820127HAB | Adjustable Angle Clamp Kit (2 Adjustable Clamps), Black |



P820127HA

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Cable Fence

Cable fence is available in 6 in or 12 in and provides added cable capacity for TRT runway. One set includes 10 pieces that attach to runway as needed. Legrand® recommends placing cable fence to every other cross-member to support large cable piles.

| PART NO. | DESCRIPTION                             |
|----------|-----------------------------------------|
| CFTRC-6B | Cable Fence 6 in Height (10 pcs), Black |



CFTRC-6B

### Pathway Cable Guide

| PART NO. | DESCRIPTION                           |
|----------|---------------------------------------|
| PCG4W-B  | Pathway Cable Guide, 4 in Wide, Black |

NOTE: Patent number: 9,466,959



PCG4W-B

### Transition Pans

Assure the proper bend radius for cables delivered from overhead runway to equipment racks with our transition pan. Each pan clamps to runway cross members or runway stringers (TRP8-S). Truss head screws with protective covers assure cables aren't damaged. Provides 1.25 in radius.

| PART NO. | DESCRIPTION                                                |
|----------|------------------------------------------------------------|
| TRP5-CM  | Transition Pan, 5 in W x 2 in H x 4.13 in D, Black         |
| TRP8-CM  | Transition Pan, 8 in W x 2 in H x 4.13 in D, Black         |
| TRP11-CM | Transition Pan, 11 in W x 2 in H x 4.13 in D, Black        |
| TRP17-CM | Transition Pan, 17 in W x 2 in H x 4.13 in D, Black        |
| TRP8-S   | Transition Pan, Side, 7.5 in W x 2 in H x 4.63 in D, Black |



TRP5-CM

### Cable Bracket

Steel cable bracket offers a separate channel for power cables that must not contact primary cables. Mounting hardware included. Mounts on 1-1/2 in and 2 in stringers.

| PART NO.  | DESCRIPTION                                       |
|-----------|---------------------------------------------------|
| P820527HB | Cable Bracket, 4.5 in H x 5 in D, 1.30 lbs, Black |



P820527H

### Runway Wall to Rack Kit

The runway wall to rack kit provides support for cable between the rack and the wall. Kits include: (1) 12 in wide 4 ft -5.5 in long tubular runway with channels, (1) 12 in wide wall angle assembly, (1) Runway bracket kit, (1) Set of end caps

| PART NO.  | DESCRIPTION                             |
|-----------|-----------------------------------------|
| WRTRT-12B | Runway Wall to Rack Kit, 12 in W, Black |



WRTRT-12B

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Wall Angle Assemblies

Wall angle assemblies attach to the wall and provide a shelf or edge on which runway can be anchored using J-bolts. Anchoring can be either parallel or perpendicular to the wall. Includes 2 in x 2 in x .25 in steel angle, (2) J-bolts, (2) 1/4 in-20 in hex nuts, and (2) 1/4 in lock washers. Hardware is zinc plated and dichromated. can be anchored using J-bolts. Anchoring can be either parallel or perpendicular to the wall. Includes 2 in x 2 in x .25 in steel angle, (2) J-bolts, (2) 1/4 in-20 in hex nuts, and (2) 1/4 in lock washers. Hardware is zinc plated and dichromated.

| PART NO.  | DESCRIPTION                                        |
|-----------|----------------------------------------------------|
| P128040HB | 6 in Wall Angle Assy for 6 in Wide Runway, Black   |
| P128240HB | 12 in Wall Angle Assy for 12 in Wide Runway, Black |
| P128440HB | 18 in Wall Angle Assy for 18 in Wide Runway, Black |
| P128640HB | 24 in Wall Angle Assy for 24 in Wide Runway, Black |



P128040HB

### Shelf Bracket Assemblies

Shelf brackets attach to the wall and extend up to 24 in for heavy duty runway support. Runway is secured to the bracket with J-bolts (included). Made of 3/16 in x 1 in, steel bar. Hardware is zinc plated and dichromated.

| PART NO.  | DESCRIPTION                                 |
|-----------|---------------------------------------------|
| P139240HB | 6 In Shelf Bracket for 6 in Runway, Black   |
| P139340HB | 12 In Shelf Bracket for 12 in Runway, Black |
| P139540HB | 18 In Shelf Bracket for 18 in Runway, Black |
| P139740HB | 24 In Shelf Bracket for 24 in Runway, Black |

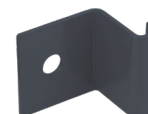


P139340HD

### Vertical Wall Bracket

Made of 1/8 in x 2 in steel, vertical wall brackets fasten runway to the wall and provide a secure route for cables to channel vertically. Use 7/16 in mounting hardware (not included). One bracket included.

| PART NO.  | DESCRIPTION                           |
|-----------|---------------------------------------|
| P982078HB | Clip Bracket Fasten RW To Wall, Black |



P982078HB

### Runway Foot Kit

Cable runway feet anchor runway to the wall or floor. Feet are attached to runway with clamps. Made of 3/8 in x 1-5 in, steel bar. One foot included.

| PART NO.  | DESCRIPTION                                  |
|-----------|----------------------------------------------|
| P820827HB | Cable Foot Kit For 1 1/2 in Stringers, Black |



P820827HB

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Runway Elevation Kit

Used to provide additional space between the tops of racks or cabinets and the runway. Can be mounted to the runway junction plates, Mighty MoR runway support brackets or to the rear flange of a Mighty Mo rack. Can also be mounted to the Mighty Mo cabinets simply by drilling two holes into the cabinet's removable top plates. Black.

| PART NO. | DESCRIPTION                                   |
|----------|-----------------------------------------------|
| REK-2-3  | Runway Elevation Kit Adj 2 in, 2.5 in or 3 in |
| REK-4-6  | Runway Elevation Kit Adj 4 in, 5 in or 6 in   |



REK-2-3

### Runway Ceiling Mount Kit

Kits include: (1) Ceiling hanger bracket, (1) Closed clip, (1) 5/8 in-11 in x 6 ft threaded rod, (4) 5/8 in-11 in hex nuts.

| PART NO. | DESCRIPTION                                                              |
|----------|--------------------------------------------------------------------------|
| RCBK-6   | The runway ceiling kit is used to suspend cable runway from the ceiling. |



RCBK-6

### Ceiling Hanger Brackets

When ceiling support is required, ceiling hanger brackets are used with 5/8 in-11 in threaded rods and open or closed clips to suspend runway overhead.

| PART NO.  | DESCRIPTION                                |
|-----------|--------------------------------------------|
| P400298HB | Ceiling Hanger Bracket, Black              |
| P820667HB | Ceiling Hanger Bracket, With 2 Nuts, Black |



P820667HB

### Closed Clips

Use closed clips with 1-1/2 in stringers to secure runway to threaded rods when suspending runway from the ceiling. Also use when stacking runway. Use with 5/8 in-11 in threaded rod. Made of 1/4 in x 1-1/2 in steel bar. UL classified.

| PART NO.  | DESCRIPTION                            |
|-----------|----------------------------------------|
| P820477H  | Closed Clip Kit 2 Clips, 4 Nuts, Zinc  |
| P820477HB | Closed Clip Kit 2 Clips, 4 Nuts, Black |
| P429503H  | Closed Clip, Clear Zinc                |



P820477HB

# PHYSICAL SUPPORT HARDWARE & ACCESSORIES

## Runway & Accessories

### Open Clips

Use open clips with 1-1/2 in stringers to secure runway to threaded rods when suspending runway from the ceiling. Also use when stacking runway. Use with 5/8 in-11 in threaded rod. Made of 3/16 in x 1-1/2 in steel bar. UL classified.

| PART NO. | DESCRIPTION                         |
|----------|-------------------------------------|
| P820547H | Open Clip Kit 2 Clips, 4 Nuts, Zinc |
| P406395H | Open Clip, Clear Zinc               |

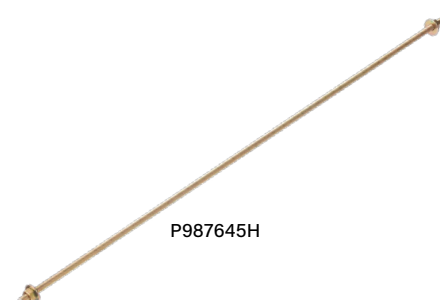


P820547H

### Threaded Rod

Threaded rods are available in a variety of lengths to support runway sections suspended from the ceiling. Includes two 5/8 in-11 in hex nuts and two 5/8 in flat washers.

| PART NO. | DESCRIPTION                          |
|----------|--------------------------------------|
| P987645H | 5/8-11 Thread Rod 10 ft L Clear Zinc |



P987645H

### Protective Sleeve

Slitted protective sleeves cover threaded rods to protect cables from damage. Field cut to desired size.

| PART NO.  | DESCRIPTION                                     |
|-----------|-------------------------------------------------|
| 2-E2-TRPC | PVC Protective Sleeve 5/8 in Threaded Rod, Zinc |



2-E2-TRPC

### J-Bolt Assemblies

Each J-bolt assembly includes one 1/4 in-20 in or 5/16 in-18 in hex nut and one 1/4 in or 5/16 in lock washer. UL classified.

| PART NO.  | DESCRIPTION                                |
|-----------|--------------------------------------------|
| P987527H  | J-Bolt Assembly 1/4-20 in X 2.25 in, Zinc  |
| P987527HB | J-Bolt Assembly 1/4-20 in X 2.25 in, Black |
| P987528H  | J-Bolt Assembly 1/4-20 in X 3.25 in, Zinc  |
| P987523H  | J-Bolt Assembly 5/16-18 in X 2.25 in, Zinc |
| P987524H  | J-Bolt Assembly 5/16-18 in X 3.25 in, Zinc |



P987527HB

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

# Notes

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# CABLOFIL SOLUTIONS



## Cablofil: Precision Engineering and High Quality

Cablofil cable management is constructed of precision engineered, high quality, welded steel wire and is the result of decades of research gained from the installation of 110,000 miles of tray across the globe. Our tray is subjected to testing at every stage of the manufacturing process.

### Resistance to Fire

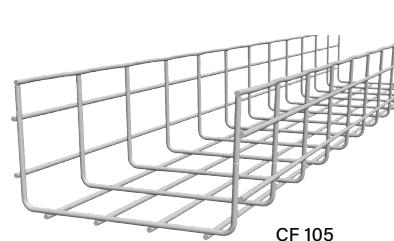
Cablofil cable management is certified E-30 to E-90. This German standard is the only certification of its kind in the world and requires that the tray and its supports withstand 1000°C or 1832°F heat for a period of 90 minutes. This is an important safety consideration when planning fire exit routes from a burning building.

### Excellent EMC

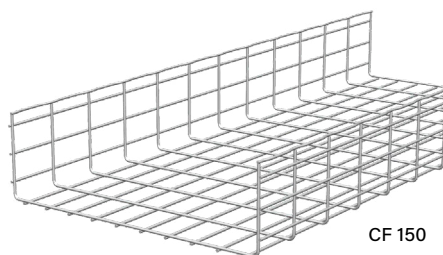
Testing by independent laboratories show that Cablofil cable management, when installed and earthed correctly, significantly reduces electromagnetic disturbances. The steel structure of tray absorbs EMI and drains the disturbance away from cables causing minimal effect to the connected equipment. Cable pathways constructed of aluminum alloys or plastics have no effect on EMI reduction.

# CABLOFIL SOLUTIONS

Cablofil Solutions Featured Product



CF 105



CF 150

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX

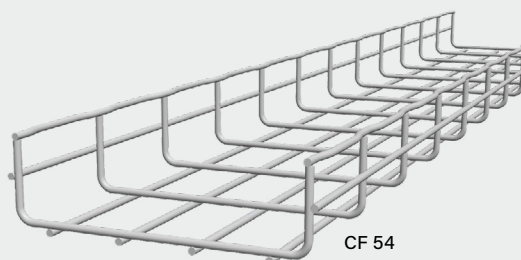
FEATURED PRODUCT

## UL Classified Painted Wire Cable Tray

Our UL Classified painted wire tray meets NEC392 from the National Electric Code that states, "all cable tray systems must be properly bonded, per 250.96". It is also UL Classified as an EGC (Equipment Grounding Conductor). Installation requires a SWK splice on adjoining tray bottoms that feature a copper strip.

### Features:

- Industry's only UL-Classified painted wire cable tray per NEC 392
- Standard on all Cablofil BL or PE painted tray



CF 54

## Wire Mesh Cable Tray

Unique Safe-T-Edge design keeps cables and installer safe from sharp edges. All trays are available in 10 ft lengths.

| PART NO. | DESCRIPTION                          |
|----------|--------------------------------------|
| CF 54    | 2 in Deep, Widths from 2 in to 24 in |
| CF 105   | 4 in Deep, Widths from 4 in to 24 in |
| CF 150   | 6 in Deep, Widths from 6 in to 24 in |

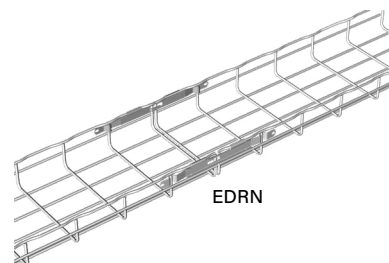
# CABLOFIL SOLUTIONS

## Splice & Connector Hardware

Cablofil has a splice for every need. Our EDRN is the fastest splice we offer, saving up to half the installation time compared to bolted connections. Other splices are available that give your installation additional strength or have improved electrical continuity. The choice is yours.

### Fast Splice

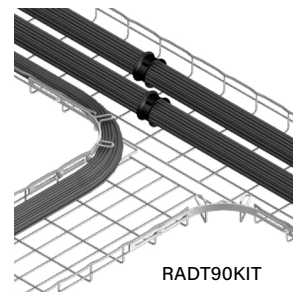
| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EDRN     | <ul style="list-style-type: none"> <li>• EDRN is our fastest splice – Saves up to half the install time compared to using bolted connections</li> <li>• Special assembly tool (EDRNT00L) is included in every bag of 50 splices</li> <li>• UL classified splice</li> </ul> |



EDRN

### Radius Tee 90° Kit

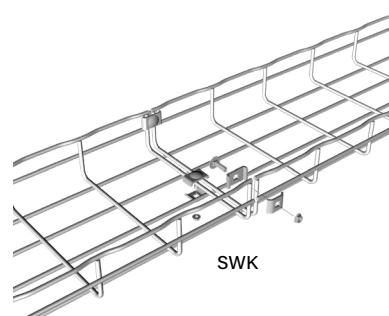
| PART NO.  | DESCRIPTION                                                                                                                                                                                                                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RADT90KIT | <ul style="list-style-type: none"> <li>• RADT90KIT creates secure tray junctions</li> <li>• Facilitates easy cable pulling into the cable pathway</li> <li>• Available for 2, 4, and 6 in depth tray</li> <li>• RADT9012KIT available with wider radius that makes pulling large power cables into Cablofil much easier</li> </ul> |



RADT90KIT

### Splice Washer Kit

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                     |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SWK      | <ul style="list-style-type: none"> <li>• SWK is designed with a 1/4 in x 20 in threaded bolt compatible with standard US tools</li> <li>• Use SWK to splice any two sections of Cablofil tray</li> <li>• Swagged nut allows clamp to be stationary while nut is tightened</li> <li>• Also use for fabricating bends, turns, and tees</li> <li>• UL classified splice</li> </ul> |



SWK

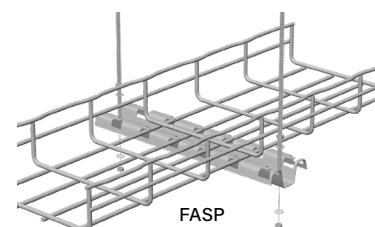
# CABLOFIL SOLUTIONS

## Fast Assembly System (FAS)

The FAS system utilizes simple one-step locking tabs that require no additional hardware to secure tray runs to its supports, reducing installation time and saving money.

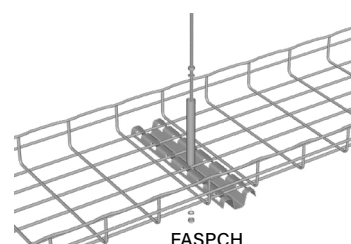
### FAS Profile

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FASP     | <ul style="list-style-type: none"> <li>FASP Supports Cablofil tray in trapeze hung and/or wall mounted applications</li> <li>Available in 6 in through 120 in lengths</li> <li>For trapeze hung installs, use a FAS Profile that's 4 in longer than the tray width</li> </ul> |



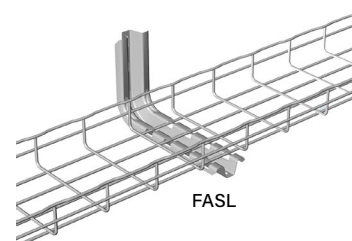
### FAS Center Hanger

| PART NO. | DESCRIPTION                                                                                                                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FASPCH   | <ul style="list-style-type: none"> <li>FASPCH Supports Cablofil tray in center hung ceiling installations</li> <li>Supports tray widths from 8 in to 24 in</li> <li>Only one threaded rod is needed to suspend the tray</li> </ul> |



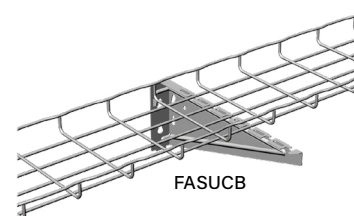
### FAS L Bracket

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FASL     | <ul style="list-style-type: none"> <li>FASL Supports Cablofil tray in wall-mounted applications</li> <li>FASL Supports Cablofil tray in under floor applications (in combination with UFC Clamp or EDF Rail)</li> <li>Supports tray widths from 4 in to 18 in</li> <li>Patented FAS style attachment holds cable tray secure without nuts and bolts</li> </ul> |



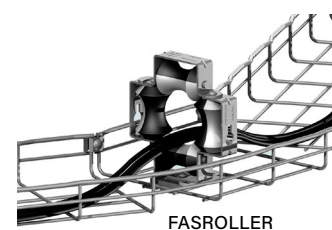
### FAS Universal Bracket

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                       |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FASUCB   | <ul style="list-style-type: none"> <li>FASU supports Cablofil tray in wall-mounted applications</li> <li>Supports tray widths from 4 in to 24 in</li> <li>Patented FAS style attachment holds cable tray secure without nuts and bolts</li> </ul> |



### FAS Roller

| PART NO.  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FASROLLER | <ul style="list-style-type: none"> <li>FASROLLER installs directly onto Cablofil tray, facilitating the pulling of cables around bends, beams and under floor</li> <li>Unique, four roller design, prevents cable snagging</li> <li>Easy open gate allows full access FASROLLER</li> <li>Sold in sets of six – including carrying case</li> </ul> |



# CABLOFIL SOLUTIONS

## J-Hooks

### CJ Series

CJ Series J-Hooks provide stress-free support for multiple cables and features a structural design for optimal strength and tapered edges to minimize damage. Pre-drilled holes reduce on-site modifications and multiple attachment options are available, enabling quick and easy installation virtually anywhere.



CJ12H



CJ21H



CJ32H



CJ64H

| PART NO. | PACK SIZE | HOOK SIZE (IN) | LOAD CAPACITY (LBS) | CABLE CAPACITY   |      |                      |
|----------|-----------|----------------|---------------------|------------------|------|----------------------|
|          |           |                |                     | 4-PAIR UTP CAT5E | CAT6 | 2 STRAND FIBER OPTIC |
| CJ12H    | 50        | 3/4            | 17                  | 16               | 10   | 16                   |
| CJ21H    | 50        | 1 5/16         | 17                  | 50               | 32   | 50                   |
| CJ32H    | 50        | 2              | 17                  | 80               | 50   | 80                   |
| CJ64H    | 25        | 4              | 50                  | 300              | 220  | 300                  |

### Attachment Options

| ITEM SUFFIX | DESCRIPTION                                | ITEM SUFFIX | DESCRIPTION                                       |
|-------------|--------------------------------------------|-------------|---------------------------------------------------|
| W           | Bat Wing 12 Gage – 1/4 in ATR              | CPCB        | Angled Clip and Pressed Beam Clamp – Up to 1/2 in |
| AC          | 90° Angled Clip – 1/4 in Hole              | SSBC        | Assembled to SSBC – 1/8 to 1/2 in                 |
| AC6         | 90° Angled Clip – 3/8 in Hole              | ACSSB       | Angled Clip and SSBC – Swivels 360°               |
| HOK24       | Knock-On Steel Beam Clamp – 1/8 to 1/4 in  | ACHOK24     | Knock-On Clamp and Angled Clip – Swivels 360°     |
| HOK58       | Knock-On Steel Beam Clamp – 5/16 to 1/2 in | MS (Color)* | Mylar ID Label Color Options                      |
| PBC         | Pressed Beam Clamp – Up to 1/2 in          |             |                                                   |

\*User installed - Contact Customer Service for more information



W

### Hybrid J-Hooks

Hybrid J-Hooks are Plenum rated and features a built-in latch for locking the bendable flap into place – 100s of times. CJHP J-Hooks combine the best of metal and plastic, providing the strength of steel and an extra wide 2 in slick, no-bur surface for easy cable pulling. They support all data communication/low-voltage cabling with multiple attachment options are available, enabling quick and easy installation virtually anywhere.



CJ16HP



CJ32HP



CJ48HP

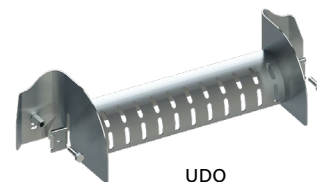
| PART NO. | PACK SIZE | HOOK SIZE (IN) | LOAD CAPACITY (LBS) | CABLE CAPACITY   |      |                      |
|----------|-----------|----------------|---------------------|------------------|------|----------------------|
|          |           |                |                     | 4-PAIR UTP CAT5E | CAT6 | 2 STRAND FIBER OPTIC |
| CJ16HP   | 50        | 1              | 17                  | 20               | 15   | 20                   |
| CJ32HP   | 50        | 2              | 17                  | 90               | 32   | 90                   |
| CJ48HP   | 50        | 3              | 50                  | 200              | 150  | 200                  |
| CJ64HP   | 25        | 4              | 50                  | 300              | 220  | 300                  |

# CABLOFIL SOLUTIONS

## Accessories

### Universal Drop Out

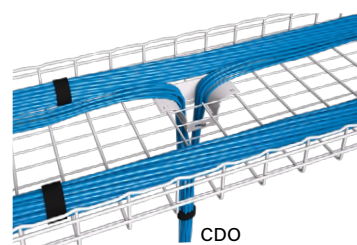
| PART NO. | DESCRIPTION                                                                                                                                                |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UDO8     | Enables cable drops directly off the side of the tray without having to make any cuts or modifications, allowing the strength of the tray to be maintained |
| UDO12    |                                                                                                                                                            |
| UDO18    |                                                                                                                                                            |
| UDO24    |                                                                                                                                                            |



UDO

### Center Drop Out

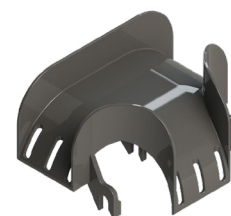
| PART NO. | DESCRIPTION                                                                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CDO      | Enables cable drops through the center of the tray either before or after cabling is installed. Available in electrozinc, white, black, or custom colors to match any data center. |



CDO

### Over-The-Top Waterfall Drop Out

| PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OTDOFAS  | <p>Snap onto wire basket allowing cables to exit or enter the side of the tray, eliminating the need to cut any side wires that reduce tray integrity.</p> <ul style="list-style-type: none"> <li>CF54 Series: Fits 300 Width &amp; Wider</li> <li>CF105 Series: Fits 150 Width &amp; Wider</li> <li>CF150 Series: Fits All Widths</li> </ul> |



OTDOFAS

### Plastic Insert

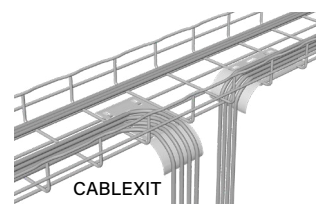
| PART NO.    | DESCRIPTION                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INSERTPPXXX | Creates a smooth bottom for sensitive cable types in Cablofil cable management. Available in bottom only and bottom with sides, each 200 ft polypropylene roll can be easily cut to length to fit any installation. |



INSERTPPXXX

### Cable Exit Snap In Mounting Tabs

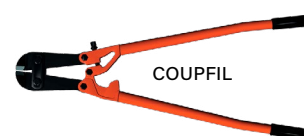
| PART NO. | DESCRIPTION                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------------------|
| CABLEXIT | Protects cables when exiting or entering tray. Snap-in mounting tabs eliminate the need for attachment hardware and speeds install time. |



CABLEXIT

### Cablofil Cutter

| PART NO. | DESCRIPTION                    |
|----------|--------------------------------|
| COUPFIL  | Side Action Angle Bolt Cutters |



COUPFIL



# CABLOFIL SOLUTIONS

## Finishes & Certifications

Cablofil® wire cable tray and accessories are available in a variety of finishes to meet any industry need, from decorative to extreme environments. Use this chart to help you determine the best finish for your application and its availability.

| SYMBOL      | MATERIAL                                | FINISH & STANDARD                                                                                 | INTERIOR INSTALLATIONS | EXTERIOR INSTALLATIONS | PETROLEUM CHEMICAL PLANTS | MARINE/SALT ENVIRON. | ACIDIC ALKALINE ENVIRON. | FOOD PRODUCTION, WASH-DOWN, CLEAN ROOMS | HALOGEN ENVIRON. |
|-------------|-----------------------------------------|---------------------------------------------------------------------------------------------------|------------------------|------------------------|---------------------------|----------------------|--------------------------|-----------------------------------------|------------------|
| <b>PG</b>   | Carbon Steel<br>ASTM A653               | <b>Pre-Galvanized:</b><br>Continuous Galvanization Before Fabrication<br>ASTM A 653               | ■                      |                        |                           |                      |                          |                                         |                  |
| <b>EZ</b>   | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Electrozinc:</b><br>After Fabrication<br>ASTM A 123                                            | ■                      |                        |                           |                      |                          |                                         |                  |
| <b>GC</b>   | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Hot Dipped Galvanized:</b><br>After Fabrication<br>ASTM A 123                                  |                        | ■                      | ■                         | ■                    | ■                        |                                         |                  |
| <b>DC</b>   | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Geomet:</b><br>Zinc and Aluminum Protection Equivalent to Hot Dip Galvanization<br>ASTM F 1136 |                        | ■                      | ■                         | ■                    | ■                        |                                         |                  |
| <b>304L</b> | Stainless Steel<br>AISI Type 304L       | <b>Stainless Steel 304L:</b><br>Cleaned and Passivated<br>ASTM 380                                |                        | ■                      | ■                         | ■                    | ■                        | ■                                       | ■                |
| <b>316L</b> | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Stainless Steel 316L:</b><br>Cleaned and Passivated<br>ASTM A 380                              |                        | ■                      | ■                         | ■                    | ■                        | ■                                       | ■                |
| <b>BL</b>   | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Black Painted:</b><br>Black Powder Coated<br>ASTM D 3451                                       | ■                      |                        |                           |                      |                          |                                         |                  |
| <b>PE</b>   | Carbon Steel<br>ASTM A510<br>Grade 1008 | <b>Custom Painted:</b><br>Custom Color Powder Coated<br>ASTM D 3451                               | ■                      |                        |                           |                      |                          |                                         |                  |

Note: For a detailed explanation of finish standards and compatibility, visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil)

■ Recommended ■ Possible

## CERTIFICATIONS

Cablofil products have been independently evaluated by UL, CSA, ABS, DNV,ETL and VDE to meet applicable standards and requirements. Our products hold UL Classification to NEC requirements, cCSAus certification to NEMA and CSA requirements, ABS Products Design Assessment certification and E90 certification. Our products also meet the standards requirements of IEC, EIA-TIA and BICSI. For more information on Cablofil certifications please visit [www.legrand.us/cablofil](http://www.legrand.us/cablofil)

## MEMBERSHIPS

NEMA, CTI, EIA\_TIA, NFPA, IEC, BICSI



## TABLE OF CONTENTS

COPPER

FIBER

## OPTICS

## PHYSICAL SUPPORT

# CABLOFIL

INDEX

# Limited Warranty for Legrand DAT Products (Basic Product Warranty)

## LIMITED WARRANTY FOR LEGRAND DAT PRODUCTS (BASIC PRODUCT WARRANTY)

THIS LIMITED WARRANTY GIVES **WARRANTEE** SPECIFIC LEGAL RIGHTS. **WARRANTEE** MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. DURING THE WARRANTY PERIOD, THE HEREBY-WARRANTED DAT PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP. THE DURATION OF, AND REMEDIES PROVIDED BY, ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY. RESPONSIBILITY FOR DEFECTIVE GOODS IS LIMITED TO REPAIR OR REPLACEMENT AS DESCRIBED BELOW.

**Data Infrastructure** (DAT) is part of **Legrand DPC** which is the unincorporated Data, Power and Control Division of Legrand North and Central America. **DAT** products are sold through Ortronics Inc. ("ORTRONICS"), a wholly owned subsidiary of Legrand North and Central America having its primary place of business at address 125 Eugene O'Neill Drive New London, CT 06320. These warranties are extended by ORTRONICS.

**Warrantee** means an owner of a DAT Product who has purchased it from ORTRONICS, either directly or through a channel authorized by ORTRONICS. Such channels include, but are not limited to, distributors and systems integrators. ORTRONICS extends this limited warranty to the **Warrantee**. This limited warranty covers defects in materials and workmanship of DAT Products for the Warranty Period as defined below. DAT Products are sold by ORTRONICS

## Exclusions From this Limited Warranty

This Limited Warranty is void if:

1. the DAT Product has not been properly installed in accordance with Ortronics specifications;
2. the DAT Product has been subject to unauthorized service;
3. the DAT Product has been subject to mishandling, misuse, or abuse;
4. the DAT Product has been modified;
5. the DAT Product has suffered damage resulting from lightning, vandalism, fire, earthquake, acts of nature, or any other cause that the product was not designed to withstand;
6. DAT Products are exposed to moisture, liquids (such as paint), or water;
7. DAT Product defects result from environmental or third-party materials, including but not limited to work areas, patching or equipment cords, or from moves, additions and changes by parties other than a Certified Contractor;
8. the DAT Product has been used, or attempted to be used, for other than the customary usage or for other than the product's intended use; or
9. the DAT Product has not been maintained in accordance with Ortronics' instructions.

This limited warranty starts on the date of purchase and lasts for the Warranty Period.

The Warranty Period for all Passive DAT Products is FIVE (5) YEARS. Passive DAT Products are products that transmit data without alteration or amplification of any data signals. Passive DAT Products include, but are not limited to, products sold under the brand names Clarity, TechChoice, Infinium, Quiktron and Q-Series.

The Warranty Period for all for all connectivity, cable management, and physical supports, including racks and cabinets is FIVE (5) YEARS.

The Warranty Period for all Active DAT Products is ONE (1) YEAR, excluding Power Products and Transceivers. Active DAT Products are products that transmit data with alteration or amplification of any data signals. Active DAT Products include, but are not limited to, products sold under the brand names Clarity, Infinium, Quiktron and Q-Series.

- The Warranty Period for Power Products, including UPS and PDU products, is TWO (2) YEARS. Power Products are products which have as their primary purpose the transmission, monitoring, and distribution of electrical power.
- The Warranty Period for transceivers is TEN (10) YEARS.

This Limited Warranty does not cover bulk cable.

The Warranty Period is not extended if ORTRONICS repairs or replaces the DAT Product. The original Warranty Period will run from original date of purchase for the replaced or repaired DAT Product. ORTRONICS may change the availability of this limited warranty at its discretion, but any such change will not be retroactive.

With respect to any DAT Product that becomes defective during the Warranty Period, Ortronics will, in its sole discretion, repair or replace such product (or the defective part) free of charge. Ortronics will also pay for shipping and handling fees to return the repaired or replacement product if it elects to repair or replace the defective product.

Either the Warrantee or the Warrantee's agent ("Agent") may obtain warranty service. Agents typically include contractors retained by Warrantee to maintain and repair their property which includes DAT Products. To obtain warranty service, Warrantee or the Agent must

- contact the Data Infrastructure Customer Service Department during the Warranty Period at 800-934-5432;
- provide information requested by Customer Service to demonstrate that the products at issues are DAT Products. Such information may include serial numbers, UPCs, Date Codes, Batch Reference Numbers, and proof of purchase such as purchase order reference numbers; and
- assist Customer Service in evaluating the problems with the DAT Products and attempting to resolve them. If the problems cannot be resolved, Customer Service will either
  - Repair the DAT Product on site; or
  - Provide a Return Merchandise Authorization ("RMA") number and relevant information to allow the DAT Product to be returned for repair or replacement by Ortronics.

IF THIS LIMITED WARRANTY COVERS A CONSUMER PRODUCT, AS DEFINED BY THE MAGNUSON-MOSS WARRANTY ACT OR APPLICABLE CANADIAN CONSUMER PROTECTION LAW, THEN NO WARRANTIES, EXPRESSED OR IMPLIED (INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) WILL EXTEND BEYOND THE APPLICABLE ABOVE-STATED TIME PERIOD.

IF THIS LIMITED WARRANTY COVERS A COMMERCIAL PRODUCT, THEN THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS, GUARANTEES, OR OTHER EXPRESS OR IMPLIED WARRANTIES (INCLUDING, WITHOUT LIMITATION, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) AND ALL SUCH OTHER EXPRESSED OR IMPLIED WARRANTIES ARE HEREBY SPECIFICALLY DISCLAIMED.

### Limitation of Liability

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND ORTRONICS' ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. ORTRONICS' LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID FOR THE DEFECTIVE PRODUCT, NOR SHALL ORTRONICS BE LIABLE UNDER ANY CIRCUMSTANCES FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

**\*Always check with Legrand for the latest version of any legal documents\***

# Notes

[illegible]

To calculate your own fill ratio, go to [Legrand.us/tools](https://www.legrand.us/tools) and download the **Cablofil Interactive Load Table**

## Conduit Tray Fill

| CONDUIT SIZE                              | 3/4 IN                                                                                                      | 1 IN | 2 IN | 3 IN | 4 IN |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------|------|------|------|------|
| Superior Essex Cable (diameter in inches) | Number of Cables at Max Recommended Conduit Fill<br>(1 cable @ 53%, 2 cables @ 31%, 3 or more cables @ 40%) |      |      |      |      |
| 10GainXP Category 6A CMR (0.275 in)       | 3                                                                                                           | 5    | 21   | 48   | 82   |
| 10GainXP Category 6A CMP (0.25 in)        | 4                                                                                                           | 7    | 27   | 60   | 103  |
| 10Gain Category 6A CMP (0.295 in)         | 1                                                                                                           | 3    | 13   | 30   | 53   |
| 10Gain Category 6A CMP (0.295 in)         | 2                                                                                                           | 4    | 19   | 41   | 72   |
| PowerWise 10G 4PPoE CMP (0.30 in)         | 2                                                                                                           | 4    | 19   | 41   | 72   |
| Category 6A F/UTP (ScTP) CMR (0.29 in)    | 3                                                                                                           | 5    | 20   | 44   | 77   |
| Category 6A F/UTP (ScTP) CMP (0.28 in)    | 3                                                                                                           | 5    | 21   | 48   | 82   |
| Category 6A U/FTP (STP) CMR/CMP (0.32 in) | 2                                                                                                           | 4    | 16   | 36   | 63   |
| DataGain Category 6+ CMR/CMP (0.22 in)    | 5                                                                                                           | 9    | 35   | 77   | 134  |
| Category 6 CMR (0.21 in)                  | 6                                                                                                           | 10   | 38   | 85   | 147  |
| Category 6 CMP (0.20 in)                  | 6                                                                                                           | 11   | 42   | 94   | 162  |
| Category 6+ F/UTP (ScTP) CMR (0.29 in)    | 3                                                                                                           | 5    | 20   | 44   | 77   |
| Category 6+ F/UTP (ScTP) CMR (0.28 in)    | 3                                                                                                           | 5    | 21   | 48   | 82   |
| Cobra Category 5e+ CMR/CMP (0.19 in)      | 6                                                                                                           | 11   | 42   | 94   | 162  |
| Marathon LAN Category 5eCMR (0.19 in)     | 6                                                                                                           | 11   | 42   | 94   | 162  |
| Marathon LAN Category 5e CMP (0.18 in)    | 8                                                                                                           | 13   | 52   | 116  | 200  |
| PowerWise 1G 4PPoE CMR/CMP (0.23 in)      | 5                                                                                                           | 8    | 32   | 71   | 122  |
| Category 3 100 Pair CMR (0.74 in)         | -                                                                                                           | 1    | 3    | 6    | 11   |
| Category 3 100 Pair CMP (0.84 in)         | -                                                                                                           | -    | 1    | 5    | 8    |

This chart assumes no more than 2 bends between pull boxes. If more than 2 bends are installed, the number of cables per conduit should be reduced or the conduit oversized.

## Conduit Tray Fill (2 in Depth)

| CABLOFIL TRAY PN (DIMENSION IN INCHES)    | CF54/150 (6W X 2H)                                                              | CF54/150 (6W X 2H) | CF54/450 (18W X 2H) | CF54/600 (24W X 2H) |
|-------------------------------------------|---------------------------------------------------------------------------------|--------------------|---------------------|---------------------|
| Superior Essex Cable (Diameter in Inches) | Number of Cables at Max Recommended Tray Fill<br>(Maximum Recommended 50% Fill) |                    |                     |                     |
| 10GainXP Category 6A CMR (0.275 in)       | 102                                                                             | 204                | 305                 | 407                 |
| 10GainXP Category 6A CMP (0.25 in)        | 123                                                                             | 246                | 369                 | 493                 |
| 10Gain Category 6A CMP (0.295 in)         | 63                                                                              | 126                | 188                 | 251                 |
| 10Gain Category 6A CMP (0.295 in)         | 88                                                                              | 177                | 265                 | 354                 |
| PowerWise 10G 4PPoE CMP (0.30 in)         | 86                                                                              | 171                | 257                 | 342                 |
| Category 6A F/UTP (ScTP) CMR (0.29 in)    | 92                                                                              | 183                | 275                 | 366                 |
| Category 6A F/UTP (ScTP) CMP (0.28 in)    | 98                                                                              | 196                | 295                 | 393                 |
| Category 6A U/FTP (STP) CMR/CMP (0.32 in) | 75                                                                              | 150                | 225                 | 301                 |
| DataGain Category 6+ CMR/CMP (0.22 in)    | 159                                                                             | 318                | 477                 | 636                 |
| Category 6 CMR (0.21 in)                  | 175                                                                             | 349                | 524                 | 698                 |
| Category 6 CMP (0.20 in)                  | 192                                                                             | 385                | 577                 | 770                 |
| Category 6+ F/UTP (ScTP) CMR (0.29 in)    | 92                                                                              | 183                | 275                 | 366                 |
| Category 6+ F/UTP (ScTP) CMR (0.28 in)    | 98                                                                              | 196                | 295                 | 393                 |
| Cobra Category 5e+ CMR/CMP (0.19 in)      | 213                                                                             | 426                | 640                 | 853                 |
| Marathon LAN Category 5eCMR (0.19 in)     | 213                                                                             | 426                | 640                 | 853                 |
| Marathon LAN Category 5e CMP (0.18 in)    | 238                                                                             | 475                | 713                 | 950                 |
| PowerWise 1G 4PPoE CMR/CMP (0.23 in)      | 145                                                                             | 291                | 436                 | 582                 |
| Category 3 100 Pair CMR (0.74 in)         | 14                                                                              | 28                 | 42                  | 56                  |
| Category 3 100 Pair CMP (0.84 in)         | 11                                                                              | 22                 | 33                  | 44                  |

## Conduit Tray Fill (4 in Depth)

| CABLOFIL TRAY PN<br>(DIMENSION IN INCHES)    | CF105/150<br>(6W X 4H)                                                          | CF105/300<br>(12W X 4H) | CF105/300<br>(12W X 4H) | CF105/600<br>(24W X 4H) |
|----------------------------------------------|---------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|
| Superior Essex Cable<br>(diameter in inches) | Number of Cables at Max Recommended Tray Fill<br>(Maximum Recommended 50% Fill) |                         |                         |                         |
| 10GainXP Category 6A CMR (0.275 in)          | 202                                                                             | 403                     | 605                     | 806                     |
| 10GainXP Category 6A CMP (0.25 in)           | 244                                                                             | 488                     | 732                     | 976                     |
| 10Gain Category 6A CMP (0.295 in)            | 124                                                                             | 249                     | 373                     | 498                     |
| 10Gain Category 6A CMP (0.295 in)            | 175                                                                             | 350                     | 526                     | 701                     |
| PowerWise 10G 4PPoE CMP (0.30 in)            | 169                                                                             | 339                     | 508                     | 678                     |
| Category 6A F/UTP (ScTP) CMR (0.29 in)       | 181                                                                             | 363                     | 544                     | 725                     |
| Category 6A F/UTP (ScTP) CMP (0.28 in)       | 194                                                                             | 389                     | 583                     | 778                     |
| Category 6A U/FTP (STP) CMR/CMP (0.32 in)    | 149                                                                             | 298                     | 447                     | 596                     |
| DataGain Category 6+ CMR/CMP (0.22 in)       | 315                                                                             | 630                     | 945                     | 1260                    |
| Category 6 CMR (0.21 in)                     | 346                                                                             | 691                     | 1037                    | 1383                    |
| Category 6 CMP (0.20 in)                     | 381                                                                             | 762                     | 1143                    | 1525                    |
| Category 6+ F/UTP (ScTP) CMR (0.29 in)       | 181                                                                             | 363                     | 544                     | 725                     |
| Category 6+ F/UTP (ScTP) CMR (0.28 in)       | 194                                                                             | 389                     | 583                     | 778                     |
| Cobra Category 5e+ CMR/CMP (0.19 in)         | 422                                                                             | 845                     | 1267                    | 1689                    |
| Marathon LAN Category 5eCMR (0.19 in)        | 422                                                                             | 845                     | 1267                    | 1689                    |
| Marathon LAN Category 5e CMP (0.18 in)       | 471                                                                             | 941                     | 1412                    | 1882                    |
| PowerWise 1G 4PPoE CMR/CMP (0.23 in)         | 288                                                                             | 576                     | 865                     | 1153                    |
| Category 3 100 Pair CMR (0.74 in)            | 28                                                                              | 56                      | 84                      | 111                     |
| Category 3 100 Pair CMP (0.84 in)            | 22                                                                              | 43                      | 65                      | 86                      |

## Conduit Tray Fill (6 in Depth)

| CABLOFIL TRAY PN<br>(DIMENSION IN INCHES)    | CF150/150<br>(6W X 6H)                                                          | CF150/300<br>(12W X 6H) | CF150/450<br>(18W X 6H) | CF150/600<br>(24W X 6H) |
|----------------------------------------------|---------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|
| Superior Essex Cable<br>(Diameter in Inches) | Number of Cables at Max Recommended Tray Fill<br>(Maximum Recommended 50% Fill) |                         |                         |                         |
| 10GainXP Category 6A CMR (0.275 in)          | 290                                                                             | 579                     | 869                     | 1159                    |
| 10GainXP Category 6A CMP (0.25 in)           | 350                                                                             | 701                     | 1051                    | 1402                    |
| 10Gain Category 6A CMP (0.295 in)            | 179                                                                             | 358                     | 536                     | 715                     |
| 10Gain Category 6A CMP (0.295 in)            | 252                                                                             | 503                     | 755                     | 1007                    |
| PowerWise 10G 4PPoE CMP (0.30 in)            | 243                                                                             | 487                     | 730                     | 974                     |
| Category 6A F/UTP (ScTP) CMR (0.29 in)       | 260                                                                             | 521                     | 781                     | 1042                    |
| Category 6A F/UTP (ScTP) CMP (0.28 in)       | 279                                                                             | 559                     | 838                     | 1118                    |
| Category 6A U/FTP (STP) CMR/CMP (0.32 in)    | 214                                                                             | 428                     | 642                     | 856                     |
| DataGain Category 6+ CMR/CMP (0.22 in)       | 453                                                                             | 905                     | 1358                    | 1810                    |
| Category 6 CMR (0.21 in)                     | 497                                                                             | 993                     | 1490                    | 1987                    |
| Category 6 CMP (0.20 in)                     | 548                                                                             | 1095                    | 1643                    | 2191                    |
| Category 6+ F/UTP (ScTP) CMR (0.29 in)       | 260                                                                             | 521                     | 781                     | 1042                    |
| Category 6+ F/UTP (ScTP) CMR (0.28 in)       | 279                                                                             | 559                     | 838                     | 1118                    |
| Cobra Category 5e+ CMR/CMP (0.19 in)         | 607                                                                             | 1214                    | 1820                    | 2427                    |
| Marathon LAN Category 5eCMR (0.19 in)        | 607                                                                             | 1214                    | 1820                    | 2427                    |
| Marathon LAN Category 5e CMP (0.18 in)       | 676                                                                             | 1352                    | 2028                    | 2704                    |
| PowerWise 1G 4PPoE CMR/CMP (0.23 in)         | 414                                                                             | 828                     | 1242                    | 1656                    |
| Category 3 100 Pair CMR (0.74 in)            | 40                                                                              | 80                      | 120                     | 160                     |
| Category 3 100 Pair CMP (0.84 in)            | 31                                                                              | 62                      | 93                      | 124                     |

# INDEX

0-4

| PRODUCT FAMILY             | COLOR |
|----------------------------|-------|
| Copper Solutions           |       |
| Fiber Optic Solutions      |       |
| Physical Support Solutions |       |
| Cablofil Solutions         |       |

| PART NO.    | PAGE |
|-------------|------|
| Numeric     |      |
| 033-680     | 20   |
| 033-681     | 20   |
| 033-682     | 20   |
| 033-683     | 20   |
| 033-684     | 20   |
| 033-685     | 20   |
| 20500043    | 92   |
| 20500337    | 92   |
| 20500366    | 92   |
| 20500368    | 92   |
| 20500369    | 92   |
| 20500370    | 92   |
| 20500371    | 92   |
| 20500373    | 92   |
| 20500382    | 92   |
| 20500383    | 92   |
| 20500384    | 92   |
| 20500385    | 92   |
| 30200007    | 35   |
| 30200109    | 35   |
| 30200110    | 35   |
| 30200140    | 35   |
| 40300011    | 48   |
| 40300023    | 49   |
| 40300100    | 27   |
| 40300158-XX | 48   |
| 40300159-XX | 48   |
| 40300164    | 48   |
| 40300164-XX | 49   |
| 40300167-XX | 49   |
| 40300191-XX | 48   |

|             |     |
|-------------|-----|
| 40300191    | 49  |
| 40300270-XX | 21  |
| 40300270-XX | 24  |
| 40300270-XX | 26  |
| 40300270-XX | 34  |
| 40300271-XX | 21  |
| 40300271-XX | 24  |
| 40300271-XX | 26  |
| 40300271-XX | 34  |
| 40300545-XX | 24  |
| 40300545-XX | 98  |
| 40300546-XX | 24  |
| 40300546-XX | 98  |
| 40300547-XX | 24  |
| 40300547-XX | 98  |
| 40300548-XX | 24  |
| 40300548-XX | 98  |
| 40300549-XX | 24  |
| 40300549-XX | 98  |
| 40300554-XX | 24  |
| 40300554-XX | 98  |
| 40300555-XX | 24  |
| 40300555-XX | 98  |
| 40300575-XX | 26  |
| 40300575-XX | 100 |
| 40300576    | 26  |
| 40300576    | 100 |
| 40300577    | 26  |
| 40300577-00 | 26  |
| 40300577    | 100 |
| 40300577-00 | 100 |
| 40300620-XX | 24  |
| 40300620-XX | 98  |
| 40300630-00 | 34  |
| 40300633-XX | 26  |
| 40300633-XX | 100 |
| 40300656    | 49  |
| 40300664    | 48  |

|          |     |
|----------|-----|
| 40309500 | 27  |
| 40309500 | 101 |
| 40313100 | 27  |
| 40313200 | 27  |
| 40313200 | 101 |
| 40322100 | 27  |
| 40322200 | 27  |
| 40322200 | 101 |
| 40322500 | 27  |
| 40322500 | 101 |
| 40323200 | 27  |
| 40323200 | 101 |
| 40323500 | 27  |
| 40323500 | 101 |
| 40324100 | 27  |
| 40324200 | 27  |
| 40324200 | 101 |
| 40324500 | 27  |
| 40324500 | 101 |
| 40325100 | 27  |
| 40325200 | 27  |
| 40325200 | 101 |
| 40325500 | 27  |
| 40325500 | 101 |
| 40326100 | 27  |
| 40326200 | 27  |
| 40326200 | 101 |
| 40326500 | 27  |
| 40326500 | 101 |
| 40327100 | 27  |
| 40327200 | 27  |
| 40327200 | 101 |
| 40327500 | 27  |
| 40327500 | 101 |
| 40328100 | 27  |
| 40328200 | 27  |
| 40328200 | 101 |
| 40336500 | 27  |

TABLE OF  
CONTENTS

COPPER

FIBER

OPTICS

PHYSICAL  
SUPPORT

CABLOFIL

INDEX



# INDEX

4-6

|             |     |
|-------------|-----|
| 40336500    | 101 |
| 40343200    | 27  |
| 40343200    | 101 |
| 40700071    | 26  |
| 40700071    | 100 |
| 40700072    | 26  |
| 40700072    | 100 |
| 40700073    | 26  |
| 40700073    | 100 |
| 40800017-XX | 26  |
| 40800017-XX | 100 |
| 40800019-XX | 26  |
| 40800019-XX | 100 |
| 41200004    | 36  |
| 41200004    | 49  |
| 41200010    | 36  |
| 41200012    | 36  |
| 41900017-XX | 26  |
| 41900017-XX | 100 |
| 41900018-XX | 26  |
| 41900018-XX | 100 |
| 42100002-XX | 23  |
| 42100002-XX | 24  |
| 42100002-XX | 100 |
| 42100009    | 26  |
| 42100009    | 36  |
| 42100009    | 100 |
| 42100054    | 26  |
| 42100054    | 100 |
| 60400005    | 145 |
| 60400006    | 131 |
| 60400010    | 150 |
| 60400046    | 129 |
| 60400057    | 127 |
| 60400129    | 128 |
| 60400131    | 127 |
| 60400132    | 127 |
| 60400199    | 129 |

|          |     |
|----------|-----|
| 60400383 | 133 |
| 60400404 | 131 |
| 60400405 | 131 |
| 60400426 | 128 |
| 60400533 | 145 |
| 60400538 | 132 |
| 60400655 | 131 |
| 60400968 | 63  |
| 60400968 | 78  |
| 60900017 | 49  |
| 60900182 | 49  |
| 60900183 | 49  |
| 60900184 | 49  |
| 60900235 | 49  |
| 60900324 | 49  |
| 60900327 | 49  |
| 60900328 | 49  |
| 60900329 | 49  |
| 60900332 | 49  |
| 60900335 | 49  |
| 60900340 | 49  |
| 60900343 | 49  |
| 60900346 | 49  |
| 60900365 | 49  |
| 60900366 | 49  |
| 60900367 | 49  |
| 60900368 | 49  |
| 60900370 | 49  |
| 60900371 | 49  |
| 60900372 | 49  |
| 60900376 | 49  |
| 60950301 | 36  |
| 61500858 | 92  |
| 61500868 | 92  |
| 62100001 | 36  |
| 62100037 | 37  |
| 62100037 | 102 |
| 62100038 | 37  |

|             |     |
|-------------|-----|
| 62100038    | 102 |
| 62100040    | 37  |
| 62100040    | 102 |
| 62100041    | 37  |
| 62100041    | 102 |
| 62100044    | 37  |
| 62100044    | 102 |
| 62100045    | 37  |
| 62100045    | 102 |
| 62100046    | 37  |
| 62100046    | 102 |
| 62100047    | 37  |
| 62100047    | 102 |
| 62100048    | 37  |
| 62100048    | 102 |
| 62100049    | 37  |
| 62100049    | 102 |
| 62100050    | 37  |
| 62100050    | 102 |
| 62100051    | 37  |
| 62100051    | 102 |
| 62100052    | 37  |
| 62100053    | 37  |
| 63700005-XX | 26  |
| 63700006-XX | 26  |
| 63700011-XX | 100 |
| 63700012-XX | 100 |
| 63700013-XX | 100 |
| 63700017-XX | 100 |
| 63700023-XX | 26  |
| 63700026-XX | 100 |
| 63700039-XX | 100 |
| 63700051-XX | 100 |
| 63700066-XX | 100 |
| 63700067-XX | 100 |
| 63700069-XX | 26  |
| 63700076-XX | 100 |
| 63700079-XX | 100 |

# INDEX

6-2

|             |     |
|-------------|-----|
| 63700080-XX | 100 |
| 63700081-XX | 100 |
| 63700082-XX | 100 |
| 63700087-XX | 26  |
| 63730003-XX | 26  |
| 70600021    | 93  |
| 70600022    | 93  |
| 70700107-00 | 146 |
| 70700188-00 | 146 |
| 70700189-00 | 146 |
| 85400010    | 93  |
| 85400011    | 93  |
| 85400012    | 93  |
| 85400017    | 93  |
| 302003251   | 35  |
| 302003253   | 35  |
| 302003282   | 35  |
| 401004788   | 130 |
| 401004789   | 130 |
| 401004790   | 130 |
| 401004791   | 130 |
| 401045289   | 24  |
| 401045289   | 98  |
| 401045290   | 24  |
| 401045290   | 98  |
| 401045291   | 24  |
| 401045291   | 98  |
| 401045292   | 24  |
| 401045292   | 98  |
| 604004068   | 141 |
| 604004301   | 141 |
| 604004396   | 141 |
| 604004645   | 141 |
| 604044486   | 131 |
| 604044927   | 133 |
| 604044938   | 131 |
| 604045075   | 131 |
| 604045081   | 131 |

|              |     |
|--------------|-----|
| 604045108    | 146 |
| 604045109    | 146 |
| 604045110    | 146 |
| 604045111    | 146 |
| 604045112    | 146 |
| 604045388    | 132 |
| 604045400    | 140 |
| 604045401    | 131 |
| 604045450    | 140 |
| 604045451    | 140 |
| 604045681    | 132 |
| 805003202    | 35  |
| 808000010    | 128 |
| 808004759    | 127 |
| 808004818    | 127 |
| 808004867    | 127 |
| 808044549    | 128 |
| 808044855    | 127 |
| 808044915    | 128 |
| 808044916    | 128 |
| 808045030    | 128 |
| 808045091    | 128 |
| 808045590    | 127 |
| 808045768    | 127 |
| Alphanumeric |     |
| 110ABC5E050  | 35  |
| 110ABC5E100  | 35  |
| 110ABC5E300  | 35  |
| 110ABC6050   | 35  |
| 110ABC6100   | 35  |
| 110ABC6300   | 35  |
| 19-21-T12DB  | 139 |
| 19-21-T18DB  | 139 |
| 19-21-T25DB  | 139 |
| 19-21-T8DB   | 139 |
| 19-35-T12DB  | 139 |
| 19-35-T18DB  | 139 |
| 19-35-T25DB  | 139 |

|                 |     |
|-----------------|-----|
| 19-35-T8DB      | 139 |
| 19-48-T12DB     | 139 |
| 19-48-T18DB     | 139 |
| 19-48-T25DB     | 139 |
| 19-72-T2SDB     | 123 |
| 19-84-6T2SDB    | 123 |
| 19-84-SSDA2132  | 123 |
| 19-84-T2SD      | 123 |
| 19-84-T2SDB     | 123 |
| 19-84-T4SDA2132 | 123 |
| 19-96-T2SD      | 123 |
| 19-96-T2SDB     | 123 |
| 19-96-T4SDA2132 | 123 |
| 205ANA08T-A     | 69  |
| 205ANA08T-L     | 69  |
| 205ANA08T-Q     | 69  |
| 205ANM08T-A     | 69  |
| 205ANM08T-L     | 69  |
| 205ANM08T-Q     | 69  |
| 205KAN9EA-MM    | 93  |
| 205KAN9EA-SM    | 93  |
| 205KAN9FA-MM    | 93  |
| 205KAN9FA-SM    | 93  |
| 205KAN9GA-MM    | 93  |
| 205KAN9GA-SM    | 93  |
| 205KKF9GA-50E X | 94  |
| 205KKF9GD-50E X | 94  |
| 205KKF9SA-09 X  | 94  |
| 205KKF9SD-09 X  | 94  |
| 205KNF3EA-50T   | 91  |
| 205KNF3EA-62    | 91  |
| 205KNF3FA-50E   | 91  |
| 205KNF3FA-50T   | 91  |
| 205KNF3FA-62    | 91  |
| 205KNF3GA-50E   | 91  |
| 205KNF3GA-50T   | 91  |
| 205KNF3GA-50W   | 91  |
| 205KNF3GA-62    | 91  |

# INDEX

2-5

|               |     |
|---------------|-----|
| 205KNF3LA-09  | 91  |
| 205KNF3MA-09  | 91  |
| 205KNF3QA-09  | 91  |
| 205KNF3RA-09  | 91  |
| 205KNF3SA-09  | 91  |
| 205KNF9EA-50T | 91  |
| 205KNF9EA-62  | 91  |
| 205KNF9FA-50E | 91  |
| 205KNF9FA-50T | 91  |
| 205KNF9FA-62  | 91  |
| 205KNF9GA-50E | 91  |
| 205KNF9GA-50T | 91  |
| 205KNF9GA-50W | 91  |
| 205KNF9GA-62  | 91  |
| 205KNF9LA-09  | 91  |
| 205KNF9MA-09  | 91  |
| 205KNF9QA-09  | 91  |
| 205KNF9RA-09  | 91  |
| 205KNF9SA-09  | 91  |
| 205KNT9FA-50T | 92  |
| 205KNT9FA-62  | 92  |
| 205KNT9GA-50T | 92  |
| 205KNT9GA-62  | 92  |
| 205KNT9LA-09  | 92  |
| 205KNT9RA-09  | 92  |
| 205KNT9SA-09  | 92  |
| 2-E1-25C-A    | 154 |
| 2-E2-TRPC     | 159 |
| 403HDJ11-XX   | 21  |
| 403HDJ11-XX   | 72  |
| 403HDJ11-XX   | 96  |
| 403HDJ12-XX   | 21  |
| 403HDJ12-XX   | 72  |
| 403HDJ12-XX   | 96  |
| 403HDJ13-XX   | 21  |
| 403HDJ13-XX   | 72  |
| 403HDJ13-XX   | 96  |
| 403HDJ14-XX   | 21  |

|              |    |
|--------------|----|
| 403HDJ14-XX  | 72 |
| 403HDJ14-XX  | 96 |
| 403HDJ16-XX  | 21 |
| 403HDJ16-XX  | 72 |
| 403HDJ16-XX  | 96 |
| 403HDJ212-XX | 21 |
| 403HDJ212-XX | 72 |
| 403HDJ212-XX | 96 |
| 403IPSS11    | 47 |
| 403IPSS12    | 47 |
| 403SHDJ11    | 21 |
| 403SHDJ12    | 21 |
| 403SHDJ13    | 21 |
| 403SHDJ14    | 21 |
| 403SHDJ16    | 21 |
| 403SHDJ212   | 21 |
| 403SHDJ28    | 21 |
| 403STJ11     | 25 |
| 403STJ11     | 99 |
| 403STJ12     | 25 |
| 403STJ12     | 99 |
| 403STJ13     | 25 |
| 403STJ13     | 99 |
| 403STJ14     | 25 |
| 403STJ14     | 99 |
| 403STJ16     | 25 |
| 403STJ16     | 99 |
| 403STJ1WP    | 25 |
| 403STJ1WP    | 99 |
| 403STJ212    | 25 |
| 403STJ212    | 99 |
| 403STJ28     | 25 |
| 403STJ28     | 99 |
| 404HDJ1-XX   | 21 |
| 404HDJ1-XX   | 72 |
| 404HDJ1-XX   | 96 |
| 404HDJ2-XX   | 21 |
| 404HDJ2-XX   | 72 |

|             |     |
|-------------|-----|
| 404HDJ2-XX  | 96  |
| 404HDJ4-XX  | 21  |
| 404HDJ4-XX  | 72  |
| 404HDJ4-XX  | 96  |
| 404HDJ4-99  | 72  |
| 404HDJ4-99  | 96  |
| 404HDJ6-XX  | 21  |
| 404HDJ6-XX  | 72  |
| 404HDJ6-XX  | 96  |
| 404IP22     | 46  |
| 404IP24     | 46  |
| 404S21U     | 48  |
| 404S21X1U   | 48  |
| 404S22U     | 48  |
| 404S22X2U   | 48  |
| 404S23U     | 48  |
| 404TJ1-XX   | 25  |
| 404TJ1-XX   | 99  |
| 404TJ2-XX   | 25  |
| 404TJ2-XX   | 99  |
| 404TJ2X2-XX | 25  |
| 404TJ2X2-XX | 99  |
| 404TJ4-XX   | 25  |
| 404TJ4-XX   | 99  |
| 404TJ6-XX   | 25  |
| 404TJ6-XX   | 99  |
| 419HDJ2-XX  | 21  |
| 419HDJ2-XX  | 22  |
| 419HDJ4-XX  | 21  |
| 419HDJ4-XX  | 22  |
| 421HDJ-XX   | 22  |
| 421HDJ4-XX  | 22  |
| 421TJ3.5-XX | 26  |
| 421TJ3.5-XX | 100 |
| 560-XXX-YYY | 44  |
| 566-XXX-YYY | 44  |
| 570-XXX-YYY | 44  |
| 576-XXX-YYY | 44  |

## INDEX

5-E

|                           |     |
|---------------------------|-----|
| 576-A <del>XX</del> -YYY  | 44  |
| 576-RD <del>XX</del> -YYY | 45  |
| 576-S <del>XX</del> -YYY  | 44  |
| 576A-S <del>XX</del> -YYY | 44  |
| 8050F157B                 | 35  |
| 8050F66M150               | 35  |
| 8050M157B                 | 35  |
| 8050M66M150               | 35  |
| A                         |     |
| AB2HDJ- <del>XX</del>     | 22  |
| ACCESS-01U-AA             | 69  |
| ACCESS-01U-AL             | 69  |
| ACCESS-01U-AQ             | 69  |
| ACCESS-01U-MA             | 69  |
| ACCESS-01U-ML             | 69  |
| ACCESS-01U-MQ             | 69  |
| ACCESS-01U-UM             | 69  |
| AJCA                      | 151 |
| AJCA8                     | 151 |
| AJCC                      | 151 |
| AJCC8                     | 151 |
| B                         |     |
| BFPA-1RU                  | 130 |
| BFPA-2RU                  | 130 |
| BFPT-1RU-10               | 130 |
| BFPT-2RU-10               | 130 |
| C                         |     |
| C00AMC37S5J0M0003M        | 58  |
| C00AMC37S5E0M0003M        | 58  |
| C4747B10S7EMM8125F        | 83  |
| C6363B10S7JMM8125F        | 83  |
| C80AM137S5JEM0001M        | 60  |
| C80AM137S5JEM0002M        | 60  |
| C80AM137S5JEM0003M        | 60  |
| C80AM137S5JEM0004M        | 60  |
| C80AM137S5JEM0005M        | 60  |
| C80AM137S5JEM0010M        | 60  |
| C80AM137S5JEM0002F        | 60  |

|                                    |     |
|------------------------------------|-----|
| C80AM137S5JEM0003F                 | 60  |
| C80AM137S5JEM0004F                 | 60  |
| C80AM137S5JEM0005F                 | 60  |
| C80AM137S5JEM0010F                 | 60  |
| C80AM137S5JEM0015F                 | 60  |
| C80AM137S5EEM0001M                 | 60  |
| C80AM137S5EEM0002M                 | 60  |
| C80AM137S5EEM0003M                 | 60  |
| C80AM137S5EEM0004M                 | 60  |
| C80AM137S5EEM0005M                 | 60  |
| C80AM137S5EEM0010M                 | 60  |
| C80AM137S5EEM0002F                 | 60  |
| C80AM137S5EEM0003F                 | 60  |
| C80AM137S5EEM0004F                 | 60  |
| C80AM137S5EEM0005F                 | 60  |
| C80AM137S5EEM0010F                 | 60  |
| C80AM137S5EEM0015F                 | 60  |
| CABLEXIT                           | 167 |
| CAMAMC37S5JMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC37S5EMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC37S5HMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SAJMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SAEMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SAHMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SEJMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SEEMM0 <del>xxx</del> M(F) | 59  |
| CAMAMC63SEHMM0 <del>xxx</del> M(F) | 59  |
| CDO                                | 167 |
| CECPPM1RU-M                        | 138 |
| CECWM4RUPD- <del>X</del>           | 138 |
| CECWM4RUPL- <del>X</del>           | 138 |
| CECWM4RUSD- <del>X</del>           | 138 |
| CF 105                             | 163 |
| CF 150                             | 163 |
| CF 54                              | 163 |
| CFTRC-6B                           | 156 |
| CJ12H                              | 166 |
| CJ16HP                             | 166 |

|             |     |
|-------------|-----|
| CJ21H       | 166 |
| CJ32H       | 166 |
| CJ32HP      | 166 |
| CJ48HP      | 166 |
| CJ64H       | 166 |
| CJ64HP      | 166 |
| CL2LB10C    | 149 |
| CL2LB20C    | 149 |
| CL2LB2A     | 149 |
| CL2LB2C     | 149 |
| CL2LB30C    | 149 |
| CL2LB40C    | 149 |
| CL2LB6A     | 149 |
| CL2LB6B     | 149 |
| CL2LB6C     | 149 |
| CMBFR0RU    | 129 |
| COTL1014    | 150 |
| COTL28      | 150 |
| COTL614     | 150 |
| COUPFIL     | 167 |
| CR-93S-1B   | 125 |
| CR-93S-2B   | 125 |
| CR-93S-4B   | 125 |
| CTHD220     | 149 |
| CTHD2222    | 149 |
| CTHD2248    | 149 |
| CTHD4446    | 149 |
| CTHD4666    | 149 |
| D           |     |
| DHMC1RU     | 126 |
| DHMC2RU     | 126 |
| DHMC3RU     | 126 |
| DHMC4RU     | 126 |
| DPA6A5PK-08 | 35  |
| DPA6A5PK-09 | 35  |
| DVMS704     | 125 |
| DVMS706     | 125 |
| DVMS710     | 125 |

# INDEX

E-E

|                |     |
|----------------|-----|
| DVMS804        | 125 |
| DVMS806        | 125 |
| DVMS810        | 125 |
| <b>E</b>       |     |
| EDRN           | 164 |
| EQ01U-CHC      | 75  |
| EQ02U-CHC      | 75  |
| EQ04U-CVC      | 75  |
| EQ01U-KHC      | 75  |
| EQ02U-KHC      | 75  |
| EQ04U-KHC      | 75  |
| ESV-19-FDR2126 | 132 |
| ESV-19-FDR2732 | 132 |
| ESV-19-FMB     | 131 |
| ESV-19-FST2126 | 132 |
| ESV-19-FST2732 | 132 |
| EZC5E03Q50-03  | 41  |
| EZC5E03Q50-04  | 41  |
| EZC5E03Q50-05  | 41  |
| EZC5E03Q50-06  | 41  |
| EZC5E03Q50-08  | 41  |
| EZC5E03Q50-09  | 41  |
| EZC5E05Q50-04  | 41  |
| EZC5E05Q50-05  | 41  |
| EZC5E05Q50-06  | 41  |
| EZC5E05Q50-08  | 41  |
| EZC5E05Q50-09  | 41  |
| EZC5E07Q50-04  | 41  |
| EZC5E07Q50-05  | 41  |
| EZC5E07Q50-06  | 41  |
| EZC5E07Q50-08  | 41  |
| EZC5E07Q50-09  | 41  |
| EZC5E09Q40-04  | 41  |
| EZC5E09Q40-05  | 41  |
| EZC5E09Q40-06  | 41  |
| EZC5E09Q40-08  | 41  |
| EZC5E09Q40-09  | 41  |
| EZC5E10Q40-06  | 41  |

|               |    |
|---------------|----|
| EZC5E15Q25-04 | 41 |
| EZC5E15Q25-05 | 41 |
| EZC5E15Q25-06 | 41 |
| EZC5E15Q25-08 | 41 |
| EZC5E15Q25-09 | 41 |
| EZC601Q100-03 | 41 |
| EZC601Q100-04 | 41 |
| EZC601Q100-05 | 41 |
| EZC601Q100-06 | 41 |
| EZC601Q100-07 | 41 |
| EZC601Q100-08 | 41 |
| EZC603Q50-02  | 41 |
| EZC603Q50-03  | 41 |
| EZC603Q50-04  | 41 |
| EZC603Q50-05  | 41 |
| EZC603Q50-06  | 41 |
| EZC603Q50-08  | 41 |
| EZC603Q50-09  | 41 |
| EZC603Q50-11  | 41 |
| EZC605Q50-02  | 41 |
| EZC605Q50-04  | 41 |
| EZC605Q50-05  | 41 |
| EZC605Q50-06  | 41 |
| EZC605Q50-08  | 41 |
| EZC605Q50-09  | 41 |
| EZC605Q50-11  | 41 |
| EZC607Q50-00  | 41 |
| EZC607Q50-02  | 41 |
| EZC607Q50-03  | 41 |
| EZC607Q50-04  | 41 |
| EZC607Q50-05  | 41 |
| EZC607Q50-06  | 41 |
| EZC607Q50-07  | 41 |
| EZC607Q50-08  | 41 |
| EZC607Q50-09  | 41 |
| EZC609Q40-02  | 41 |
| EZC609Q40-04  | 41 |
| EZC609Q40-05  | 41 |

|               |    |
|---------------|----|
| EZC609Q40-06  | 41 |
| EZC609Q40-08  | 41 |
| EZC609Q40-09  | 41 |
| EZC610Q40-00  | 41 |
| EZC610Q40-02  | 41 |
| EZC610Q40-04  | 41 |
| EZC610Q40-05  | 41 |
| EZC610Q40-06  | 41 |
| EZC610Q40-07  | 41 |
| EZC610Q40-09  | 41 |
| EZC615Q25-00  | 41 |
| EZC615Q25-02  | 41 |
| EZC615Q25-03  | 41 |
| EZC615Q25-04  | 41 |
| EZC615Q25-05  | 41 |
| EZC615Q25-06  | 41 |
| EZC615Q25-08  | 41 |
| EZC615Q25-09  | 41 |
| EZC6A03Q50-02 | 41 |
| EZC6A03Q50-05 | 41 |
| EZC6A03Q50-06 | 41 |
| EZC6A03Q50-07 | 41 |
| EZC6A05Q50-02 | 41 |
| EZC6A05Q50-05 | 41 |
| EZC6A05Q50-06 | 41 |
| EZC6A05Q50-07 | 41 |
| EZC6A07Q40-02 | 41 |
| EZC6A07Q40-05 | 41 |
| EZC6A07Q40-06 | 41 |
| EZC6A07Q40-07 | 41 |
| EZC6A09Q30-02 | 41 |
| EZC6A09Q30-05 | 41 |
| EZC6A09Q30-06 | 41 |
| EZC6A09Q30-07 | 41 |
| EZC6A10Q30-00 | 41 |
| EZC6A10Q30-06 | 41 |
| EZC6A15Q20-02 | 41 |
| EZC6A15Q20-05 | 41 |

# INDEX

E-H

|                 |    |
|-----------------|----|
| EZC6A15Q20-06   | 41 |
| EZC6A15Q20-09   | 41 |
| EZFPM603Q12-XX  | 42 |
| EZFPM605Q12-XX  | 42 |
| EZFPM607Q12-XX  | 42 |
| EZFPM609Q12-XX  | 42 |
| EZFPM6A03Q12-XX | 43 |
| EZFPM6A05Q12-XX | 43 |
| EZFPM6A07Q12-XX | 43 |
| EZFPM6A09Q12-XX | 43 |
| EZFPR603Q12-XX  | 42 |
| EZFPR605Q12-XX  | 42 |
| EZFPR607Q12-XX  | 42 |
| EZFPR609Q12-XX  | 42 |
| EZFPR6A03Q12-XX | 42 |
| EZFPR6A05Q12-XX | 42 |
| EZFPR6A07Q12-XX | 42 |
| EZFPR6A09Q12-XX | 42 |
| EZRD603Q100-04  | 41 |
| EZRD603Q100-06  | 41 |
| EZRD603Q100-09  | 41 |
| EZRD605Q90-04   | 41 |
| EZRD605Q90-06   | 41 |
| EZRD605Q90-08   | 41 |
| EZRD605Q90-09   | 41 |
| EZRD607Q80-04   | 41 |
| EZRD607Q80-06   | 41 |
| EZRD607Q80-08   | 41 |
| EZRD607Q80-09   | 41 |
| EZRD609Q70-06   | 41 |
| EZRD609Q70-09   | 41 |
| EZRD610Q70-04   | 41 |
| EZRD610Q70-06   | 41 |
| EZRD610Q70-09   | 41 |
| EZRD615Q50-04   | 41 |
| EZRD615Q50-06   | 41 |
| EZRD615Q50-09   | 41 |
| EZRD620Q30-04   | 41 |

|                 |     |
|-----------------|-----|
| EZRD620Q30-06   | 41  |
| F               |     |
| FASL            | 165 |
| FASP            | 165 |
| FASPCCH         | 165 |
| FASROLLER       | 165 |
| FASUCB          | 165 |
| FCGK4-M         | 137 |
| FCM-19-1XL      | 127 |
| FCM-19-2XL      | 127 |
| FFK4D-M         | 137 |
| FFK4S-M         | 137 |
| FST4-F012C      | 76  |
| FTBP-1RU        | 129 |
| FTBP-2RU        | 129 |
| G               |     |
| GB2X10TGB       | 147 |
| GB2X12TGB       | 147 |
| GB2X12TGBKIT    | 147 |
| GB4X12J         | 148 |
| GB4X12TMGB      | 147 |
| GB4X12TMGBKIT   | 147 |
| GB4X20J         | 148 |
| GB4X20TMGB      | 147 |
| GB4X20TMGBKIT   | 147 |
| GBH19KIT        | 148 |
| GBV36           | 148 |
| GBV36KIT        | 148 |
| GBV72           | 148 |
| GBV72KIT        | 148 |
| GBWMBKIT        | 148 |
| GJ8KIT          | 150 |
| GL2014          | 150 |
| GS-8            | 154 |
| H               |     |
| HD6FM-FLC2CA-00 | 73  |
| HD6FM-FLC2CA-00 | 97  |
| HD6FM-FLC2CC-00 | 73  |

|                 |    |
|-----------------|----|
| HD6FM-FLC2CC-00 | 97 |
| HD6FM-FLC2CL-00 | 73 |
| HD6FM-FLC2CL-00 | 97 |
| HD6FM-FLC2CM-00 | 73 |
| HD6FM-FLC2CM-00 | 97 |
| HD6FM-FLC2CQ-00 | 73 |
| HD6FM-FLC2CQ-00 | 97 |
| HD6FM-FMPZAA-00 | 73 |
| HD6FM-FMPZAA-00 | 97 |
| HD6FM-FMPZAC-00 | 73 |
| HD6FM-FMPZAC-00 | 97 |
| HD6FM-FMPZAF-00 | 73 |
| HD6FM-FMPZAF-00 | 97 |
| HD6FM-FMPZAL-00 | 73 |
| HD6FM-FMPZAL-00 | 97 |
| HD6FM-FMPZAM-00 | 73 |
| HD6FM-FMPZAM-00 | 97 |
| HD6FM-FMPZDE-00 | 73 |
| HD6FM-FMPZDE-00 | 97 |
| HD6FM-FSC1CA-00 | 73 |
| HD6FM-FSC1CA-00 | 97 |
| HD6FM-FSC1CC-00 | 73 |
| HD6FM-FSC1CC-00 | 97 |
| HD6FM-FSC1CL-00 | 73 |
| HD6FM-FSC1CL-00 | 97 |
| HD6FM-FSC1CM-00 | 73 |
| HD6FM-FSC1CM-00 | 97 |
| HD8FP-LCQ08AC   | 68 |
| HD8FP-LCQ08CC   | 68 |
| HD8FP-LCQ08LC   | 68 |
| HD8FP-LCQ08QC   | 68 |
| HD8FP-MPANAAA   | 68 |
| HD8FP-MPANACA   | 68 |
| HD8FP-MPANAED   | 68 |
| HD8FP-MPANAFD   | 68 |
| HD8FP-MPANALA   | 68 |
| HD8FP-MPANAMA   | 68 |
| HDCAS1108SA09   | 82 |

# INDEX

H-H

|                 |    |
|-----------------|----|
| HDCM001         | 20 |
| HDCM-001        | 63 |
| HDCM-001        | 71 |
| HDCM-001        | 78 |
| HDFM25FLC2CA-00 | 73 |
| HDFM25FLC2CA-00 | 97 |
| HDFM25FLC2CB-00 | 73 |
| HDFM25FLC2CB-00 | 97 |
| HDFM25FLC2CC-00 | 73 |
| HDFM25FLC2CC-00 | 97 |
| HDFM25FLC2CF-00 | 73 |
| HDFM25FLC2CF-00 | 97 |
| HDFM25FLC2CG-00 | 73 |
| HDFM25FLC2CG-00 | 97 |
| HDFM25FLC2CH-00 | 73 |
| HDFM25FLC2CH-00 | 97 |
| HDFM25FLC2CI-00 | 73 |
| HDFM25FLC2CI-00 | 97 |
| HDFM25FLC2CL-00 | 73 |
| HDFM25FLC2CL-00 | 97 |
| HDFM25FLC2CQ-00 | 73 |
| HDFM25FLC2CQ-00 | 97 |
| HDFM25FMTZNA-00 | 73 |
| HDFM25FMTZNA-00 | 97 |
| HDFM25FMTZNF-00 | 73 |
| HDFM25FMTZNF-00 | 97 |
| HDFM-FLC2CA-00  | 73 |
| HDFM-FLC2CA-00  | 97 |
| HDFM-FLC2CB-00  | 73 |
| HDFM-FLC2CB-00  | 97 |
| HDFM-FLC2CC-00  | 73 |
| HDFM-FLC2CC-00  | 97 |
| HDFM-FLC2CF-00  | 73 |
| HDFM-FLC2CF-00  | 97 |
| HDFM-FLC2CG-00  | 73 |
| HDFM-FLC2CG-00  | 97 |
| HDFM-FLC2CH-00  | 73 |
| HDFM-FLC2CH-00  | 97 |

|                |    |
|----------------|----|
| HDFM-FLC2CI-00 | 73 |
| HDFM-FLC2CI-00 | 97 |
| HDFM-FLC2CL-00 | 73 |
| HDFM-FLC2CL-00 | 97 |
| HDFM-FLC2CM-00 | 73 |
| HDFM-FLC2CM-00 | 97 |
| HDFM-FLC2CQ-00 | 73 |
| HDFM-FLC2CQ-00 | 97 |
| HDFM-FMTZNA-00 | 97 |
| HDFM-FMTZNA-00 | 73 |
| HDFM-FMTZNC-00 | 73 |
| HDFM-FMTZNC-00 | 97 |
| HDFM-FMTZNE-00 | 73 |
| HDFM-FMTZNE-00 | 97 |
| HDFM-FMTZNF-00 | 73 |
| HDFM-FMTZNF-00 | 97 |
| HDFM-FMTZNG-00 | 73 |
| HDFM-FMTZNG-00 | 97 |
| HDFM-FMTZNH-00 | 73 |
| HDFM-FMTZNH-00 | 97 |
| HDFM-FMTZNL-00 | 73 |
| HDFM-FMTZNL-00 | 97 |
| HDFM-FMTZNM-00 | 73 |
| HDFM-FMTZNM-00 | 97 |
| HDFM-FMTZNN-00 | 73 |
| HDFM-FMTZNN-00 | 97 |
| HDFM-FSC1CA-00 | 73 |
| HDFM-FSC1CA-00 | 97 |
| HDFM-FSC1CC-00 | 73 |
| HDFM-FSC1CC-00 | 97 |
| HDFM-FSC1CG-00 | 73 |
| HDFM-FSC1CG-00 | 97 |
| HDFM-FSC1CI-00 | 73 |
| HDFM-FSC1CI-00 | 97 |
| HDFM-FSC1CL-00 | 73 |
| HDFM-FSC1CL-00 | 97 |
| HDFM-FSC1CM-00 | 73 |
| HDFM-FSC1CM-00 | 97 |

|              |    |
|--------------|----|
| HDFM-HLC2C   | 95 |
| HDFM-KLC2C   | 95 |
| HDFP-AAE24AC | 58 |
| HDFP-AAE24LC | 58 |
| HDFP-AAE24QC | 58 |
| HDFP-AAE48AC | 58 |
| HDFP-AAE48LC | 58 |
| HDFP-AAE48QC | 58 |
| HDFP-AME24AC | 58 |
| HDFP-AME24LC | 58 |
| HDFP-AME24QC | 58 |
| HDFP-AME48AC | 58 |
| HDFP-AME48LC | 58 |
| HDFP-AME48QC | 58 |
| HDFP-BLANK   | 64 |
| HDFP-LCD08AC | 64 |
| HDFP-LCD08LC | 64 |
| HDFP-LCD08QC | 64 |
| HDFP-LCD12AC | 64 |
| HDFP-LCD12CC | 64 |
| HDFP-LCD12LC | 64 |
| HDFP-LCD12MB | 64 |
| HDFP-LCD12QC | 64 |
| HDFP-LCD12YC | 95 |
| HDFP-LCD12ZC | 95 |
| HDFP-LCD16YC | 95 |
| HDFP-LCD16ZC | 95 |
| HDFP-LCQ16AC | 64 |
| HDFP-LCQ16LC | 64 |
| HDFP-LCQ16QC | 64 |
| HDFP-LCQ24AC | 64 |
| HDFP-LCQ24BC | 64 |
| HDFP-LCQ24FC | 64 |
| HDFP-LCQ24GC | 64 |
| HDFP-LCQ24HC | 64 |
| HDFP-LCQ24JC | 64 |
| HDFP-LCQ24LC | 64 |
| HDFP-LCQ24MB | 64 |



# INDEX

## H-K

|              |    |
|--------------|----|
| HDFP-LCQ24QC | 64 |
| HDFP-MDC32AC | 64 |
| HDFP-MDC32LC | 64 |
| HDFP-MDC32QC | 64 |
| HDFP-MPA72CA | 64 |
| HDFP-MPA72ED | 64 |
| HDFP-MPA72FA | 64 |
| HDFP-MPA72GA | 64 |
| HDFP-MPA72LA | 64 |
| HDFP-MPA72LA | 64 |
| HDFP-MPA96CA | 64 |
| HDFP-MPA96FA | 64 |
| HDFP-MPA96LA | 64 |
| HDFP-SCD12AC | 64 |
| HDFP-SCD12CC | 64 |
| HDFP-SCD12LC | 64 |
| HDFP-SCD12QC | 64 |
| HDJ21DCA-XX  | 22 |
| HDJ35ST      | 22 |
| HDJ5E-XX     | 19 |
| HDJ6-XX      | 19 |
| HDJ625-XX    | 19 |
| HDJ6A-XX     | 19 |
| HDJ6A25-XX   | 19 |
| HDJBL10-YY   | 19 |
| HDJBL10-YY   | 19 |
| HDJBL10-YY   | 22 |
| HDJF-XX      | 22 |
| HDJHCT       | 22 |
| HDJHDMI-XX   | 22 |
| HDJPCT-4PK   | 22 |
| HDJS6        | 19 |
| HDJS625      | 19 |
| HDJS6A       | 19 |
| HDJS6A25     | 19 |
| HDJTJA20     | 19 |
| HDJTJA20     | 22 |
| HDJTJA20     | 23 |

|                                                  |     |
|--------------------------------------------------|-----|
| HDPSC6A-5PK                                      | 35  |
| HDPSC6A90-5PK                                    | 35  |
| HDPUC65E-5PK                                     | 35  |
| HDPUC6A-5PK                                      | 35  |
| HDSMFC-24PS-00                                   | 61  |
| HILOC-CRADLE-KIT                                 | 69  |
| I                                                |     |
| INFC01U-M4-E                                     | 61  |
| INFC01U-M8-E                                     | 67  |
| INFC02U-M4-E                                     | 61  |
| INFC02U-M8                                       | 67  |
| INFC04U-M4-E                                     | 61  |
| INFC04U-M8                                       | 67  |
| Infinium Fiber Trunk Cable Assembly Configurator | 83  |
| Infinium Fiber Patch Cord Assembly Configurator  | 84  |
| INSERTPP-XXX                                     | 167 |
| IPC603-00                                        | 47  |
| IPC605-00                                        | 47  |
| IPC607-00                                        | 47  |
| IPC610-00                                        | 47  |
| IPC615-00                                        | 47  |
| IPC620-00                                        | 47  |
| IPC625-00                                        | 47  |
| IPJ5E                                            | 46  |
| IPJ6                                             | 46  |
| IPJ6A                                            | 46  |
| IPK                                              | 151 |
| J                                                |     |
| JP0606B                                          | 123 |
| JP0612-6TB                                       | 123 |
| JP0612B                                          | 123 |
| JP1218-6TB                                       | 123 |
| JP1218B                                          | 123 |
| JP1824-6TB                                       | 123 |
| JP1824B                                          | 123 |
| JP5E6U                                           | 36  |
| JP66U                                            | 36  |

|                                 |    |
|---------------------------------|----|
| K                               |    |
| Keyed LC Connector Configurator | 94 |
| KS106S2-XX                      | 33 |
| KS106S4-XX                      | 33 |
| KS14ST                          | 32 |
| KS35ST                          | 32 |
| KS35STST                        | 32 |
| KS5E-XX                         | 30 |
| KS5EA-XX                        | 30 |
| KS6-XX                          | 30 |
| KS6A-XX                         | 30 |
| KSB10-XX                        | 30 |
| KSB10-XX                        | 32 |
| KSBNC                           | 32 |
| KSBNCW                          | 32 |
| KSBNC75                         | 32 |
| KSC5EA                          | 32 |
| KSC5EA                          | 46 |
| KSC6A                           | 32 |
| KSC6A                           | 46 |
| KSC6A-36                        | 32 |
| KSC6A-36                        | 46 |
| KSDS2-XX                        | 33 |
| KSDS3-XX                        | 33 |
| KSDS4-XX                        | 33 |
| KSFCN                           | 32 |
| KSFCNR                          | 30 |
| KSFP1-XX                        | 33 |
| KSFP12-XX                       | 33 |
| KSFP2-XX                        | 33 |
| KSFP3-XX                        | 33 |
| KSFP4-XX                        | 33 |
| KSFP6-XX                        | 33 |
| KSFP8-XX                        | 33 |
| KSFP1-XX                        | 33 |
| KSFP2-XX                        | 33 |
| KSFP3-XX                        | 33 |

# INDEX

K-L

|                   |    |
|-------------------|----|
| KSFP4-XX          | 33 |
| KSFP6-XX          | 33 |
| KSFTP6            | 31 |
| KSFTP625          | 31 |
| KSFTP6A           | 31 |
| KSFTP6A25         | 31 |
| KSFURN4-XX        | 34 |
| KSHDMI            | 32 |
| KSS2210           | 49 |
| KSLC              | 30 |
| KSSC              | 30 |
| KSSMB1-XX         | 34 |
| KSSMB2-XX         | 34 |
| KSSMB4            | 34 |
| KSSMB6            | 34 |
| KSSS1             | 33 |
| KSSS12            | 33 |
| KSSS2             | 33 |
| KSSS3             | 33 |
| KSSS4             | 33 |
| KSSS6             | 33 |
| KSSS8             | 33 |
| KSUSBAA           | 32 |
| KSUSBAB           | 32 |
| KT2J5E-XX         | 30 |
| KT2J5E25-YY       | 30 |
| KT2J6-XX          | 30 |
| KT2J625-YY        | 30 |
| KT2J6A-XX         | 30 |
| KT2J6A25-YY       | 30 |
| L                 |    |
| L1-0101B2EAD0001M | 90 |
| L1-0101B2EAD0002F | 90 |
| L1-0101B2EAD0002M | 90 |
| L1-0101B2EAD0003F | 90 |
| L1-0101B2EAD0003M | 90 |
| L1-0101B2EAD0004F | 90 |
| L1-0101B2EAD0004M | 90 |

|                   |    |
|-------------------|----|
| L1-0101B2EAD0005F | 90 |
| L1-0101B2EAD0005M | 90 |
| L1-0101B2EAD0010F | 90 |
| L1-0101B2EAD0010M | 90 |
| L1-0101B2EAD0015F | 90 |
| L1-0101B2JYD0001M | 89 |
| L1-0101B2JYD0002F | 89 |
| L1-0101B2JYD0002M | 89 |
| L1-0101B2JYD0003F | 89 |
| L1-0101B2JYD0003M | 89 |
| L1-0101B2JYD0004F | 89 |
| L1-0101B2JYD0004M | 89 |
| L1-0101B2JYD0005F | 89 |
| L1-0101B2JYD0005M | 89 |
| L1-0101B2JYD0010F | 89 |
| L1-0101B2JYD0010M | 89 |
| L1-0101B2JYD0015F | 89 |
| L1-0102B2EAD0001F | 90 |
| L1-0102B2EAD0001M | 90 |
| L1-0102B2EAD0002F | 90 |
| L1-0102B2EAD0002M | 90 |
| L1-0102B2EAD0003F | 90 |
| L1-0102B2EAD0003M | 90 |
| L1-0102B2JYD0001F | 89 |
| L1-0102B2JYD0001M | 89 |
| L1-0102B2JYD0002F | 89 |
| L1-0102B2JYD0002M | 89 |
| L1-0102B2JYD0003F | 89 |
| L1-0102B2JYD0003M | 89 |
| L1-802JA2JYB0002F | 59 |
| L1-802JA2JYB0003F | 59 |
| L1-802JA2JYB0004F | 59 |
| L1-802JA2JYB0001M | 59 |
| L1-802JA2JYB0002M | 59 |
| L1-802JA2JYB0003M | 59 |
| L1-802JA2EAB0002F | 59 |
| L1-802JA2EAB0003F | 59 |
| L1-802JA2EAB0004F | 59 |

|                   |    |
|-------------------|----|
| L1-802JA2EAB0001M | 59 |
| L1-802JA2EAB0002M | 59 |
| L1-802JA2EAB0003M | 59 |
| L1-802JB2EAB0001M | 90 |
| L1-802JB2EAB0002F | 90 |
| L1-802JB2EAB0002M | 90 |
| L1-802JB2EAB0003F | 90 |
| L1-802JB2EAB0003M | 90 |
| L1-802JB2EAB0004F | 90 |
| L1-802JB2EAB0004M | 90 |
| L1-802JB2EAB0005F | 90 |
| L1-802JB2EAB0005M | 90 |
| L1-802JB2EAB0010F | 90 |
| L1-802JB2EAB0010M | 90 |
| L1-802JB2EAB0015F | 90 |
| L1-802JB2JYB0001M | 89 |
| L1-802JB2JYB0002F | 89 |
| L1-802JB2JYB0002M | 89 |
| L1-802JB2JYB0003F | 89 |
| L1-802JB2JYB0003M | 89 |
| L1-802JB2JYB0004F | 89 |
| L1-802JB2JYB0004M | 89 |
| L1-802JB2JYB0005F | 89 |
| L1-802JB2JYB0004M | 89 |
| L1-802JB2JYB0010F | 89 |
| L1-802JB2JYB0010M | 89 |
| L3-0101B2EAD1001M | 88 |
| L3-0101B2EAD1002F | 88 |
| L3-0101B2EAD1002M | 88 |
| L3-0101B2EAD1003F | 88 |
| L3-0101B2EAD1003M | 88 |
| L3-0101B2EAD1004F | 88 |
| L3-0101B2EAD1004M | 88 |
| L3-0101B2EAD1005F | 88 |
| L3-0101B2EAD1005M | 88 |
| L3-0101B2EAD1010F | 88 |
| L3-0101B2EAD1010M | 88 |
| L3-0101B2EAD1015F | 88 |

# INDEX

## L-M

|                   |    |
|-------------------|----|
| L3-0101B2JYD1001M | 87 |
| L3-0101B2JYD1002F | 87 |
| L3-0101B2JYD1002M | 87 |
| L3-0101B2JYD1003F | 87 |
| L3-0101B2JYD1003M | 87 |
| L3-0101B2JYD1004F | 87 |
| L3-0101B2JYD1004M | 87 |
| L3-0101B2JYD1005F | 87 |
| L3-0101B2JYD1005M | 87 |
| L3-0101B2JYD1010F | 87 |
| L3-0101B2JYD1010M | 87 |
| L3-0101B2JYD1015F | 87 |
| L3-0102B2EAD1001F | 88 |
| L3-0102B2EAD1001M | 88 |
| L3-0102B2EAD1002F | 88 |
| L3-0102B2EAD1002M | 88 |
| L3-0102B2EAD1003F | 88 |
| L3-0102B2EAD1003M | 88 |
| L3-0102B2JYD1001F | 87 |
| L3-0102B2JYD1001M | 87 |
| L3-0102B2JYD1002F | 87 |
| L3-0102B2JYD1002M | 87 |
| L3-0102B2JYD1003F | 87 |
| L3-0102B2JYD1003M | 87 |
| L3-802JB2EAB1002F | 88 |
| L3-802JB2EAB1003F | 88 |
| L3-802JB2EAB1004F | 88 |
| L3-802JB2EAB1005F | 88 |
| L3-802JB2EAB1010F | 88 |
| L3-802JB2EAB1015F | 88 |
| L3-802JB2EAB1001M | 88 |
| L3-802JB2EAB1002M | 88 |
| L3-802JB2EAB1003M | 88 |
| L3-802JB2EAB1004M | 88 |
| L3-802JB2EAB1005M | 88 |
| L3-802JB2EAB1010M | 88 |
| L3-802JB2JYB1002F | 87 |
| L3-802JB2JYB1003F | 87 |

|                   |    |
|-------------------|----|
| L3-802JB2JYB1004F | 87 |
| L3-802JB2JYB1005F | 87 |
| L3-802JB2JYB1010F | 87 |
| L3-802JB2JYB1015F | 87 |
| L3-802JB2JYB1001M | 87 |
| L3-802JB2JYB1002M | 87 |
| L3-802JB2JYB1003M | 87 |
| L3-802JB2JYB1004M | 87 |
| L3-802JB2JYB1005M | 87 |
| L3-802JB2JYB1010M | 87 |
| L4-0101B2EAD1001M | 86 |
| L4-0101B2EAD1002F | 86 |
| L4-0101B2EAD1002M | 86 |
| L4-0101B2EAD1003F | 86 |
| L4-0101B2EAD1003M | 86 |
| L4-0101B2EAD1004F | 86 |
| L4-0101B2EAD1004M | 86 |
| L4-0101B2EAD1005F | 86 |
| L4-0101B2EAD1005M | 86 |
| L4-0101B2EAD1010F | 86 |
| L4-0101B2EAD1010M | 86 |
| L4-0101B2EAD1015F | 86 |
| L4-3535B2QYD1001F | 85 |
| L4-3535B2QYD1002F | 85 |
| L4-3535B2QYD1002F | 85 |
| L4-3535B2QYD1003F | 85 |
| L4-3535B2QYD1003F | 85 |
| L4-3535B2QYD1004F | 85 |
| L4-3535B2QYD1004F | 85 |
| L4-3535B2QYD1005F | 85 |
| L4-3535B2QYD1005F | 85 |
| L4-3535B2QYD1010F | 85 |
| L4-3535B2QYD1010F | 85 |
| L4-3535B2QYD1015F | 85 |
| LM2-LC12H         | 80 |
| LM2-LC12J         | 80 |
| LM2-LC12J-1A2UN   | 80 |
| LM2-LC24H         | 80 |

|                 |    |
|-----------------|----|
| LM2-LC24J       | 80 |
| LM2-LC24J-2A2UN | 80 |
| LM4-LA12J-1A2UN | 65 |
| LM4-LA24J-3C1UN | 65 |
| LM4-LA24J-3C2UN | 65 |
| LM4-LC12H       | 65 |
| LM4-LC12H-1A1UN | 65 |
| LM4-LC12H-1A4UN | 65 |
| LM4-LC12J       | 65 |
| LM4-LC12J-1A2UN | 65 |
| LM4-LC12J-1A3UN | 65 |
| LM4-LC12W       | 65 |
| LM4-LC24H       | 65 |
| LM4-LC24H-2A1UN | 65 |
| LM4-LC24H-2A4UN | 65 |
| LM4-LC24H-3C1UN | 65 |
| LM4-LC24H-3C3UN | 65 |
| LM4-LC24J       | 65 |
| LM4-LC24J-1A2H1 | 65 |
| LM4-LC24J-1A3H1 | 65 |
| LM4-LC24J-2A2UN | 65 |
| LM4-LC24J-2A3UN | 65 |
| LM4-LC24J-3C1UN | 65 |
| LM4-LC24J-3C2UN | 65 |
| LM4-LC24W       | 65 |
| LM8-LA08J       | 68 |
| LM8-LC08H       | 68 |
| LM8-LC08H-1C1UN | 68 |
| LM8-LC08H-1C4UN | 68 |
| LM8-LC08J       | 68 |
| LM8-LC08J-1C2UN | 68 |
| LM8-LC08J-1C3UN | 68 |
| LM8-LC08W       | 68 |
| LMH-LA08J-1C2UN | 74 |
| LMH-LC08H       | 74 |
| LMH-LC08H-1C1UN | 74 |
| LMH-LC08H-1C4UN | 74 |
| LMH-LC08J       | 74 |

# INDEX

M-M

|                 |    |
|-----------------|----|
| LMH-LC08J-1C2UN | 74 |
| LMH-LC08W       | 74 |
| LMH-LC12H       | 74 |
| LMH-LC12H-1A1UN | 74 |
| LMH-LC12H-1A4UN | 74 |
| LMH-LC12J       | 74 |
| LMH-LC12J-1A2UN | 74 |
| LMH-LC12J-1A3UN | 74 |
| LMH-LC12W       | 74 |
| M               |    |
| M2LCD12-091A1R  | 81 |
| M2LCD12-091A1S  | 81 |
| M2LCD12-09A1A1R | 81 |
| M2LCD12-09A1A1S | 81 |
| M2LCD12-50E1A1R | 81 |
| M2LCD12-50E1A1S | 81 |
| M2LCD12-50E3A1R | 81 |
| M2LCD12-50E3A1S | 81 |
| M2LCQ24-091A1R  | 81 |
| M2LCQ24-091A1S  | 81 |
| M2LCQ24-09A1A1R | 81 |
| M2LCQ24-09A1A1S | 81 |
| M2LCQ24-50E1A1R | 81 |
| M2LCQ24-50E1A1S | 81 |
| M2LCQ24-50E3A1R | 81 |
| M2LCQ24-50E3A1S | 81 |
| M2S1108LA092M   | 82 |
| M2S1108SA092M   | 82 |
| M2S1116LA092M   | 82 |
| M2S1116SA092M   | 82 |
| M2S1132LA092M   | 82 |
| M2S1132SA092M   | 82 |
| M2S1216SA092M   | 82 |
| M2S2108LA092M   | 82 |
| M2S2108SA092M   | 82 |
| M2S2116LA092M   | 82 |
| M2S2116SA092M   | 82 |
| M2S2132LA092M   | 82 |

|                 |    |
|-----------------|----|
| M2S2132SA092M   | 82 |
| M2SCD12-091A1R  | 81 |
| M2SCD12-091A1S  | 81 |
| M2SCD12-09A1A1R | 81 |
| M2SCD12-09A1A1S | 81 |
| M2SCD12-50E1A1R | 81 |
| M2SCD12-50E1A1S | 81 |
| M2SCD12-50E3A1R | 81 |
| M2SCD12-50E3A1S | 81 |
| M4LAD12-09R1A1  | 66 |
| M4LAD12-09S1A1  | 66 |
| M4LAQ24-09R1A1  | 66 |
| M4LAQ24-09S1A1  | 66 |
| M4LCD12-09R1A1  | 66 |
| M4LCD12-09R2A1  | 66 |
| M4LCD12-09R3A1  | 66 |
| M4LCD12-09S1A1  | 66 |
| M4LCD12-09S2A1  | 66 |
| M4LCD12-09S3A1  | 66 |
| M4LCD12-50ER1A1 | 66 |
| M4LCD12-50ER3A1 | 66 |
| M4LCD12-50ER4A1 | 66 |
| M4LCD12-50ES3A1 | 66 |
| M4LCD12-50ES4A1 | 66 |
| M4LCD12-50WR4A1 | 66 |
| M4LCQ24-09R1A1  | 66 |
| M4LCQ24-09R2A1  | 66 |
| M4LCQ24-09R3A1  | 66 |
| M4LCQ24-09S1A1  | 66 |
| M4LCQ24-09S2A1  | 66 |
| M4LCQ24-09S3A1  | 66 |
| M4LCQ24-50ER3A1 | 66 |
| M4LCQ24-50ER4A1 | 66 |
| M4LCQ24-50ES1A1 | 66 |
| M4LCQ24-50ES3A1 | 66 |
| M4LCQ24-50ES4A1 | 66 |
| M4LCQ24-50WR4A1 | 66 |

|                 |    |
|-----------------|----|
| M4LCQ24-50WS4A1 | 66 |
| M4MAE24-09A2K1  | 65 |
| M4MAE24-09A3K1  | 65 |
| M4MAE24-09B2K1  | 65 |
| M4MAE24-09B3K1  | 65 |
| M4MAE24-50EA3K1 | 65 |
| M4MAE24-50EB3K1 | 65 |
| M4MAE24-50WA4K1 | 65 |
| M4MAE24-50WB4K1 | 65 |
| M4MAE48-09A2K1  | 65 |
| M4MAE48-09A3K1  | 65 |
| M4MAE48-09B2K1  | 65 |
| M4MAE48-09B3K1  | 65 |
| M4MAE48-50EA3K1 | 65 |
| M4MAE48-50EB3K1 | 65 |
| M4MAE48-50WA4K1 | 65 |
| M4MAE48-50WB4K1 | 65 |
| M4MBE48-09B2K1  | 65 |
| M4MBE48-09B3K1  | 65 |
| M4MBE48-50EA3K1 | 65 |
| M4MBE48-50WA4K1 | 65 |
| M4S1108SA091M   | 82 |
| M4S1108SA092M   | 82 |
| M4S1116SA091M   | 82 |
| M4S1116SA092M   | 82 |
| M4S1132SA091M   | 82 |
| M4S1132SA092M   | 82 |
| M4S1216SA091M   | 82 |
| M4S1216SA092M   | 82 |
| M4S2132SA091M   | 82 |
| M4S2132SA092M   | 82 |
| M4SAD12-09R1A1  | 66 |
| M4SAD12-09S1A1  | 66 |
| M4SCD12-09R1A1  | 66 |
| M4SCD12-09S1A1  | 66 |
| M4SCD12-50ER1A1 | 66 |
| M4SCD12-50ER3A1 | 66 |
| M4SCD12-50ER4A1 | 66 |

# INDEX

M-M

|                 |    |
|-----------------|----|
| M4SCD12-50ES3A1 | 66 |
| M4SCD12-50WR4A1 | 66 |
| MC5E03-00       | 39 |
| MC5E03-02       | 39 |
| MC5E03-03       | 39 |
| MC5E03-04       | 39 |
| MC5E03-05       | 39 |
| MC5E03-06       | 39 |
| MC5E03-07       | 39 |
| MC5E03-08       | 39 |
| MC5E03-09       | 39 |
| MC5E05-00       | 39 |
| MC5E05-02       | 39 |
| MC5E05-03       | 39 |
| MC5E05-04       | 39 |
| MC5E05-05       | 39 |
| MC5E05-06       | 39 |
| MC5E05-07       | 39 |
| MC5E05-08       | 39 |
| MC5E05-09       | 39 |
| MC5E07-00       | 39 |
| MC5E07-02       | 39 |
| MC5E07-03       | 39 |
| MC5E07-04       | 39 |
| MC5E07-05       | 39 |
| MC5E07-06       | 39 |
| MC5E07-07       | 39 |
| MC5E07-08       | 39 |
| MC5E07-09       | 39 |
| MC5E09-00       | 39 |
| MC5E09-02       | 39 |
| MC5E09-03       | 39 |
| MC5E09-04       | 39 |
| MC5E09-05       | 39 |
| MC5E09-06       | 39 |
| MC5E09-07       | 39 |
| MC5E09-08       | 39 |
| MC5E09-09       | 39 |

|           |    |
|-----------|----|
| MC5E15-00 | 39 |
| MC5E15-02 | 39 |
| MC5E15-03 | 39 |
| MC5E15-04 | 39 |
| MC5E15-05 | 39 |
| MC5E15-06 | 39 |
| MC5E15-07 | 39 |
| MC5E15-08 | 39 |
| MC5E15-09 | 39 |
| MC5E20-00 | 39 |
| MC5E20-02 | 39 |
| MC5E20-03 | 39 |
| MC5E20-04 | 39 |
| MC5E20-05 | 39 |
| MC5E20-06 | 39 |
| MC5E20-07 | 39 |
| MC5E20-08 | 39 |
| MC5E20-09 | 39 |
| MC5EYY-XX | 38 |
| MC603-00  | 39 |
| MC603-02  | 39 |
| MC603-03  | 39 |
| MC603-04  | 39 |
| MC603-05  | 39 |
| MC603-06  | 39 |
| MC603-07  | 39 |
| MC603-08  | 39 |
| MC603-09  | 39 |
| MC605-00  | 39 |
| MC605-02  | 39 |
| MC605-03  | 39 |
| MC605-04  | 39 |
| MC605-05  | 39 |
| MC605-06  | 39 |
| MC605-07  | 39 |
| MC605-08  | 39 |
| MC605-09  | 39 |
| MC607-00  | 39 |

|          |    |
|----------|----|
| MC607-02 | 39 |
| MC607-03 | 39 |
| MC607-04 | 39 |
| MC607-05 | 39 |
| MC607-06 | 39 |
| MC607-07 | 39 |
| MC607-08 | 39 |
| MC607-09 | 39 |
| MC609-00 | 39 |
| MC609-02 | 39 |
| MC609-03 | 39 |
| MC609-04 | 39 |
| MC609-05 | 39 |
| MC609-06 | 39 |
| MC609-07 | 39 |
| MC609-08 | 39 |
| MC609-09 | 39 |
| MC615-00 | 39 |
| MC615-02 | 39 |
| MC615-03 | 39 |
| MC615-04 | 39 |
| MC615-05 | 39 |
| MC615-06 | 39 |
| MC615-07 | 39 |
| MC615-08 | 39 |
| MC615-09 | 39 |
| MC620-00 | 39 |
| MC620-02 | 39 |
| MC620-03 | 39 |
| MC620-04 | 39 |
| MC620-05 | 39 |
| MC620-06 | 39 |
| MC620-07 | 39 |
| MC620-08 | 39 |
| MC620-09 | 39 |
| MC625-00 | 39 |
| MC625-02 | 39 |
| MC625-03 | 39 |

# INDEX

M-M

|               |    |
|---------------|----|
| MC625-04      | 39 |
| MC625-05      | 39 |
| MC625-06      | 39 |
| MC625-07      | 39 |
| MC625-08      | 39 |
| MC625-09      | 39 |
| MC657605-10FT | 47 |
| MC657605-15FT | 47 |
| MC657605-20FT | 47 |
| MC6A03-00     | 39 |
| MC6A03-02     | 39 |
| MC6A03-03     | 39 |
| MC6A03-04     | 39 |
| MC6A03-05     | 39 |
| MC6A03-06     | 39 |
| MC6A03-07     | 39 |
| MC6A03-08     | 39 |
| MC6A03-09     | 39 |
| MC6A05-00     | 39 |
| MC6A05-02     | 39 |
| MC6A05-03     | 39 |
| MC6A05-04     | 39 |
| MC6A05-05     | 39 |
| MC6A05-06     | 39 |
| MC6A05-07     | 39 |
| MC6A05-08     | 39 |
| MC6A05-09     | 39 |
| MC6A07-00     | 39 |
| MC6A07-02     | 39 |
| MC6A07-03     | 39 |
| MC6A07-04     | 39 |
| MC6A07-05     | 39 |
| MC6A07-06     | 39 |
| MC6A07-07     | 39 |
| MC6A07-08     | 39 |
| MC6A07-09     | 39 |
| MC6A09-00     | 39 |
| MC6A09-02     | 39 |

|                        |    |
|------------------------|----|
| MC6A09-03              | 39 |
| MC6A09-04              | 39 |
| MC6A09-05              | 39 |
| MC6A09-06              | 39 |
| MC6A09-07              | 39 |
| MC6A09-08              | 39 |
| MC6A09-09              | 39 |
| MC6A15-00              | 39 |
| MC6A15-02              | 39 |
| MC6A15-03              | 39 |
| MC6A15-04              | 39 |
| MC6A15-05              | 39 |
| MC6A15-06              | 39 |
| MC6A15-07              | 39 |
| MC6A15-08              | 39 |
| MC6A15-09              | 39 |
| MC6A20-00              | 39 |
| MC6A20-02              | 39 |
| MC6A20-03              | 39 |
| MC6A20-04              | 39 |
| MC6A20-05              | 39 |
| MC6A20-06              | 39 |
| MC6A20-07              | 39 |
| MC6A20-08              | 39 |
| MC6A20-09              | 39 |
| MC6A25-00              | 39 |
| MC6A25-02              | 39 |
| MC6A25-03              | 39 |
| MC6A25-04              | 39 |
| MC6A25-05              | 39 |
| MC6A25-06              | 39 |
| MC6A25-07              | 39 |
| MC6A25-08              | 39 |
| MC6A25-09              | 39 |
| MC6A <del>YY</del> -XX | 38 |
| MC6 <del>YY</del> -XX  | 38 |
| MCS603-02              | 39 |
| MCS603-06              | 39 |

|            |    |
|------------|----|
| MCS603-08  | 39 |
| MCS605-00  | 39 |
| MCS605-02  | 39 |
| MCS605-08  | 39 |
| MCS607-00  | 39 |
| MCS607-02  | 39 |
| MCS607-06  | 39 |
| MCS607-08  | 39 |
| MCS609-00  | 39 |
| MCS609-02  | 39 |
| MCS609-08  | 39 |
| MCS615-02  | 39 |
| MCS615-08  | 39 |
| MCS620-02  | 39 |
| MCS620-08  | 39 |
| MCS6A03-02 | 40 |
| MCS6A03-04 | 40 |
| MCS6A03-06 | 40 |
| MCS6A03-08 | 40 |
| MCS6A03-09 | 40 |
| MCS6A05-02 | 40 |
| MCS6A05-04 | 40 |
| MCS6A05-06 | 40 |
| MCS6A05-08 | 40 |
| MCS6A05-09 | 40 |
| MCS6A07-00 | 40 |
| MCS6A07-02 | 40 |
| MCS6A07-04 | 40 |
| MCS6A07-06 | 40 |
| MCS6A07-08 | 40 |
| MCS6A07-09 | 40 |
| MCS6A09-00 | 40 |
| MCS6A09-02 | 40 |
| MCS6A09-04 | 40 |
| MCS6A09-06 | 40 |
| MCS6A09-08 | 40 |
| MCS6A09-09 | 40 |
| MCS6A15-00 | 40 |

# INDEX

M-M

|                              |     |
|------------------------------|-----|
| MCS6A15-02                   | 40  |
| MCS6A15-04                   | 40  |
| MCS6A15-06                   | 40  |
| MCS6A15-08                   | 40  |
| MCS6A15-09                   | 40  |
| MCS6A20-02                   | 40  |
| MCS6A20-04                   | 40  |
| MCS6A20-06                   | 40  |
| MCS6A20-08                   | 40  |
| MCS6A <del>YY</del> -XX      | 38  |
| MCS6 <del>YY</del> -XX       | 38  |
| MCT810                       | 149 |
| MCT840                       | 149 |
| MM201224CN                   | 145 |
| MM20706- <del>X</del>        | 110 |
| MM20710- <del>X</del>        | 110 |
| MM20716- <del>X</del>        | 110 |
| MM2072132DAB12- <del>X</del> | 111 |
| MM2072132DAB38- <del>X</del> | 111 |
| MM2072438- <del>X</del>      | 110 |
| MM20724- <del>X</del>        | 110 |
| MM2073038- <del>X</del>      | 110 |
| MM20730- <del>X</del>        | 110 |
| MM20730ADJ12- <del>X</del>   | 113 |
| MM20730ADJ38- <del>X</del>   | 113 |
| MM20730FXD12- <del>X</del>   | 112 |
| MM20730FXD38- <del>X</del>   | 112 |
| MM2073142DAB12- <del>X</del> | 111 |
| MM2073142DAB38- <del>X</del> | 111 |
| MM20736ADJ12- <del>X</del>   | 113 |
| MM20736ADJ38- <del>X</del>   | 113 |
| MM20742ADJ12- <del>X</del>   | 113 |
| MM20742ADJ38- <del>X</del>   | 113 |
| MM207ADJABR- <del>X</del>    | 113 |
| MM207RKADJ12- <del>X</del>   | 113 |
| MM207RKADJ38- <del>X</del>   | 113 |
| MM207VCMP- <del>X</del>      | 112 |
| MM20810- <del>X</del>        | 110 |

|                              |     |
|------------------------------|-----|
| MM20816- <del>X</del>        | 110 |
| MM2082132DAB12- <del>X</del> | 111 |
| MM2082132DAB38- <del>X</del> | 111 |
| MM2082438- <del>X</del>      | 110 |
| MM20824- <del>X</del>        | 110 |
| MM20830- <del>X</del>        | 110 |
| MM2083038- <del>X</del>      | 110 |
| MM20830ADJ12- <del>X</del>   | 113 |
| MM20830ADJ38- <del>X</del>   | 113 |
| MM20830FXD12- <del>X</del>   | 112 |
| MM20830FXD38- <del>X</del>   | 112 |
| MM2083142DAB12- <del>X</del> | 111 |
| MM2083142DAB38- <del>X</del> | 111 |
| MM20836ADJ12- <del>X</del>   | 113 |
| MM20836ADJ38- <del>X</del>   | 113 |
| MM20842ADJ12- <del>X</del>   | 113 |
| MM20842ADJ38- <del>X</del>   | 113 |
| MM208ADJABR- <del>X</del>    | 113 |
| MM208DAB2132- <del>X</del>   | 111 |
| MM208DAB3142- <del>X</del>   | 111 |
| MM208RKADJ12- <del>X</del>   | 113 |
| MM208RKADJ38- <del>X</del>   | 113 |
| MM208VCMP- <del>X</del>      | 112 |
| MM20ABL71610- <del>B</del>   | 116 |
| MM20ABL71612- <del>B</del>   | 116 |
| MM20ABL72410- <del>B</del>   | 116 |
| MM20ABL72412- <del>B</del>   | 116 |
| MM20ABL73010- <del>B</del>   | 116 |
| MM20ABL73012- <del>B</del>   | 116 |
| MM20ABL81612- <del>B</del>   | 116 |
| MM20ABL82412- <del>B</del>   | 116 |
| MM20ABL83012- <del>B</del>   | 116 |
| MM20BDC06- <del>X</del>      | 121 |
| MM20BDC10- <del>X</del>      | 120 |
| MM20BDC16- <del>X</del>      | 120 |
| MM20BDC24- <del>X</del>      | 120 |
| MM20BDC30- <del>X</del>      | 120 |
| MM20BLC-B                    | 117 |

|                             |     |
|-----------------------------|-----|
| MM20BLC-W                   | 117 |
| MM20CMD7-B                  | 117 |
| MM20CMD7-W                  | 117 |
| MM20CMR3- <del>X</del>      | 118 |
| MM20CMR6- <del>X</del>      | 118 |
| MM20CMS10- <del>X</del>     | 118 |
| MM20CMS6- <del>X</del>      | 118 |
| MM20CRB06- <del>X</del>     | 119 |
| MM20CRB10- <del>X</del>     | 119 |
| MM20CRB1624- <del>X</del>   | 119 |
| MM20CRB16- <del>X</del>     | 119 |
| MM20CRB24- <del>X</del>     | 119 |
| MM20CRB30- <del>X</del>     | 119 |
| MM20CRB4PRU- <del>X</del>   | 119 |
| MM20CRB4PU- <del>X</del>    | 119 |
| MM20CRB6H06- <del>X</del>   | 119 |
| MM20CRB6H10- <del>X</del>   | 119 |
| MM20CRB6H1624- <del>X</del> | 119 |
| MM20CRB6H16- <del>X</del>   | 119 |
| MM20CRB6H24- <del>X</del>   | 119 |
| MM20CRB6H30- <del>X</del>   | 119 |
| MM20CRB6H4PRU- <del>X</del> | 119 |
| MM20CRB6H4PU- <del>X</del>  | 119 |
| MM20CT4RUK- <del>X</del>    | 119 |
| MM20CT4RU- <del>X</del>     | 119 |
| MM20CTB06- <del>X</del>     | 120 |
| MM20CTB10- <del>X</del>     | 120 |
| MM20CTB1624- <del>X</del>   | 120 |
| MM20CTB16- <del>X</del>     | 120 |
| MM20CTB24- <del>X</del>     | 120 |
| MM20CTB30- <del>X</del>     | 120 |
| MM20CTB4PRU- <del>X</del>   | 120 |
| MM20CTB4PU- <del>X</del>    | 120 |
| MM20CTB6H06- <del>X</del>   | 120 |
| MM20CTB6H10- <del>X</del>   | 120 |
| MM20CTB6H1624- <del>X</del> | 120 |
| MM20CTB6H16- <del>X</del>   | 120 |
| MM20CTB6H24- <del>X</del>   | 120 |



# INDEX

M-O

|                 |     |
|-----------------|-----|
| MM20CTB6H30-X   | 120 |
| MM20CTB6H4PRU-X | 120 |
| MM20CTB6H4PU-X  | 120 |
| MM20EP706-X     | 121 |
| MM20EP710-X     | 121 |
| MM20EP716-X     | 121 |
| MM20EP724-X     | 121 |
| MM20EP730-X     | 121 |
| MM20EP736-X     | 121 |
| MM20EP742-X     | 121 |
| MM20EP810-X     | 121 |
| MM20EP816-X     | 121 |
| MM20EP824-X     | 121 |
| MM20EP830-X     | 121 |
| MM20EP836-X     | 121 |
| MM20EP842-X     | 121 |
| MM20EPN706-X    | 121 |
| MM20EPN710-X    | 121 |
| MM20EPN716-X    | 121 |
| MM20EPN724-X    | 121 |
| MM20EPN730-X    | 121 |
| MM20EPN736-X    | 121 |
| MM20EPN742-X    | 121 |
| MM20EPN810-X    | 121 |
| MM20EPN816-X    | 121 |
| MM20EPN824-X    | 121 |
| MM20EPN830-X    | 121 |
| MM20EPN836-X    | 121 |
| MM20EPN842-X    | 121 |
| MM20EPS-X       | 122 |
| MM20ESB06-X     | 118 |
| MM20ESB16-X     | 118 |
| MM20ESB24-X     | 118 |
| MM20ESB30-X     | 118 |
| MM20HEXGD-B     | 117 |
| MM20HEXGD-W     | 117 |
| MM20HMF2RU-X    | 116 |
| MM20HMF2RUAB-M  | 116 |

|                 |     |
|-----------------|-----|
| MM20HMF4RU-X    | 116 |
| MM20HMF4RUAB-M  | 116 |
| MM20HMRU06-X    | 115 |
| MM20HMRU10-X    | 115 |
| MM20HMRU12-X    | 115 |
| MM20HMRU19-X    | 115 |
| MM20PDUMB1D1W-X | 122 |
| MM20PDUMB1D2W-X | 122 |
| MM20PDUMB2D1W-X | 122 |
| MM20PDUMB2D2W-X | 122 |
| MM20PDUMBFT1W-X | 122 |
| MM20PDUMBFT2W-X | 122 |
| MM20PDUMBVM1W-X | 122 |
| MM20PDUMBVM2W-X | 122 |
| MM20UCT2X2-B    | 117 |
| MM20UCT2X2-W    | 117 |
| MM20VMD706-X    | 114 |
| MM20VMD710-X    | 114 |
| MM20VMD712-X    | 114 |
| MM20VMD7FC-X    | 114 |
| MM20VMD806-X    | 114 |
| MM20VMD810-X    | 114 |
| MM20VMD812-X    | 114 |
| MM20VMD8FC-X    | 114 |
| MM20VMDSK-B     | 114 |
| MM20VMDSK-W     | 114 |
| MM20VML704-X    | 115 |
| MM20VML706-X    | 115 |
| MM20VMS704-X    | 115 |
| MM20VMS706-X    | 115 |
| MM20VMS710-X    | 115 |
| MM20WFE-B       | 118 |
| MM20WFE-W       | 118 |
| MM6HM62RU-X     | 126 |
| MM6HM82RU-X     | 126 |
| MM6HMF1RU-X     | 126 |
| MM6HMF2RU-X     | 126 |
| MM6HMF4RU-X     | 126 |

|             |     |
|-------------|-----|
| MMIPK-X     | 151 |
| MMOHR-2RU-X | 142 |
| MMOHR-3RU-X | 142 |
| MMOHR-4RU-X | 142 |
| MMOHR-5RU-X | 142 |
| MMOHR-6RU-X | 142 |
| MMOHR-7RU-X | 142 |
| MMOHR-8RU-X | 142 |
| O           |     |
| OFP-AAE24AC | 58  |
| OFP-AAE24LC | 58  |
| OFP-AAE24QC | 58  |
| OFP-AAE48AC | 58  |
| OFP-AAE48LC | 58  |
| OFP-AAE48QC | 58  |
| OFP-BLANK   | 79  |
| OFP-LCD08AC | 79  |
| OFP-LCD08LC | 79  |
| OFP-LCD12AC | 79  |
| OFP-LCD12BC | 79  |
| OFP-LCD12CC | 79  |
| OFP-LCD12GC | 79  |
| OFP-LCD12IC | 79  |
| OFP-LCD12LC | 79  |
| OFP-LCD12MB | 79  |
| OFP-LCD12PC | 79  |
| OFP-LCD12YC | 95  |
| OFP-LCD12ZC | 95  |
| OFP-LCD16YC | 95  |
| OFP-LCD16ZC | 95  |
| OFP-LCD24YC | 95  |
| OFP-LCD24ZC | 95  |
| OFP-LCQ16AC | 79  |
| OFP-LCQ16LC | 79  |
| OFP-LCQ24AC | 79  |
| OFP-LCQ24CC | 79  |
| OFP-LCQ24GC | 79  |
| OFP-LCQ24IC | 79  |

# INDEX

O-P

|             |     |
|-------------|-----|
| OFP-LCQ24JC | 79  |
| OFP-LCQ24LC | 79  |
| OFP-LCQ24MB | 79  |
| OFP-LCQ24PC | 79  |
| OFP-MPA72CA | 79  |
| OFP-MPA72LA | 79  |
| OFP-MPA72MA | 79  |
| OFP-MPA96CA | 79  |
| OFP-MPA96LA | 79  |
| OFP-MPA96MA | 79  |
| OFP-SCD06AC | 79  |
| OFP-SCD06CC | 79  |
| OFP-SCD06LC | 79  |
| OFP-SCD06MB | 79  |
| OFP-SCD08AC | 79  |
| OFP-SCD08LC | 79  |
| OFP-SCD08MB | 79  |
| OFP-SCD12AC | 79  |
| OFP-SCD12CC | 79  |
| OFP-SCD12LC | 79  |
| OFP-SCD12MB | 79  |
| OFP-SCS06AC | 79  |
| OFP-SCS06CC | 79  |
| OFP-SCS06LC | 79  |
| OFP-SCS06MB | 79  |
| OFP-STD08AC | 79  |
| OFP-STD08LC | 79  |
| OFP-STD08MB | 79  |
| OFP-STD12AC | 79  |
| OFP-STD12LC | 79  |
| OFP-STD12MB | 79  |
| OTDOFAS     | 167 |
| P           |     |
| P128040HB   | 157 |
| P128240HB   | 157 |
| P128440HB   | 157 |
| P128640HB   | 157 |
| P139240HB   | 157 |

|               |     |
|---------------|-----|
| P139340HB     | 157 |
| P139540HB     | 157 |
| P139740HB     | 157 |
| P400298HB     | 158 |
| P406395H      | 159 |
| P429503H      | 158 |
| P820127H      | 155 |
| P820127HA     | 155 |
| P820127HAB    | 155 |
| P820127HB     | 155 |
| P820147H      | 155 |
| P820147HB     | 155 |
| P820287H      | 155 |
| P820287HB     | 155 |
| P820327H      | 155 |
| P820327HB     | 155 |
| P820477H      | 158 |
| P820477HB     | 158 |
| P820527HB     | 156 |
| P820547H      | 159 |
| P820667HB     | 158 |
| P820827HB     | 157 |
| P982078HB     | 157 |
| P987523H      | 159 |
| P987524H      | 159 |
| P987527H      | 159 |
| P987527HB     | 159 |
| P987528H      | 159 |
| P987645H      | 159 |
| PCG4W-B       | 156 |
| PCHXXXXXXXXXX | 51  |
| PCSXXXXXXXXXX | 51  |
| PHA5E6U24     | 28  |
| PHA5E6U24-W   | 28  |
| PHA5E6U48     | 28  |
| PHA5E6U48-W   | 28  |
| PHA66U24      | 28  |
| PHA66U24-W    | 28  |

|              |    |
|--------------|----|
| PHA66U48     | 28 |
| PHA66U48-W   | 28 |
| PHA6AU24     | 29 |
| PHA6AU24-W   | 29 |
| PHA6AU48     | 29 |
| PHA6AU48-W   | 29 |
| PHAFMU48     | 71 |
| PHAHDJSU24   | 21 |
| PHAHDJSU24-W | 21 |
| PHAHDJSU48   | 21 |
| PHAHDJSU48-W | 21 |
| PHAHJU24     | 20 |
| PHAHJU24     | 71 |
| PHAHJU24-W   | 20 |
| PHAHJU24-W   | 71 |
| PHAHJU48     | 20 |
| PHAHJU48     | 71 |
| PHAHJU48-W   | 20 |
| PHAHJU48-W   | 71 |
| PHAHJU72     | 20 |
| PHAHJU72     | 71 |
| PHAHJU72-W   | 20 |
| PHAHJU72-W   | 71 |
| PHATKSU24    | 31 |
| PHATKSU48    | 31 |
| PHD5E6U24    | 28 |
| PHD5E6U24-W  | 28 |
| PHD5E6U48    | 28 |
| PHD66U24     | 28 |
| PHD66U24-W   | 28 |
| PHD66U48     | 28 |
| PHD66U48-W   | 28 |
| PHD66U96     | 28 |
| PHD6AU24     | 29 |
| PHD6AU24-W   | 29 |
| PHD6AU48     | 29 |
| PHD6AU48-W   | 29 |
| PHDFMU48     | 20 |

# INDEX

P-Q

|               |     |
|---------------|-----|
| PHDFMU48      | 71  |
| PHDHDJSU24    | 21  |
| PHDHDJSU24-W  | 21  |
| PHDHDJSU48    | 21  |
| PHDHDJSU48-W  | 21  |
| PHDHJU24      | 20  |
| PHDHJU24      | 71  |
| PHDHJU24-W    | 20  |
| PHDHJU24-W    | 71  |
| PHDHJU48      | 20  |
| PHDHJU48      | 71  |
| PHDHJU48-W    | 20  |
| PHDHJU48-W    | 71  |
| PHDHJU72      | 20  |
| PHDHJU72      | 71  |
| PHDHJU72-W    | 20  |
| PHDHJU72-W    | 71  |
| PHDTKSU24     | 31  |
| PHDTKSU48     | 31  |
| PHMC1RU       | 126 |
| PHMC2RU       | 126 |
| PMDC-01U-A    | 70  |
| PMDC-01U-L    | 70  |
| PMP5E1289     | 29  |
| PMP5E12H      | 29  |
| PMP61289      | 29  |
| PMP612H       | 29  |
| PPCA610U24    | 53  |
| PPCA610U48    | 53  |
| PPCA66U24     | 53  |
| PPCA66U48     | 53  |
| PPCF610U24    | 53  |
| PPCF610U48    | 53  |
| PPCF66U24     | 53  |
| PPCF66U48     | 53  |
| PRHXXXXXXXXXX | 52  |
| PRSXXXXXXXXXX | 52  |
| PRTICON-XX    | 19  |

|                    |     |
|--------------------|-----|
| PRTICON-XX         | 22  |
| PRTICON-XX         | 30  |
| PRTICON-XX         | 30  |
| PS-1224CN          | 143 |
| PS-1224CN          | 145 |
| PSAHDJSU48         | 21  |
| PSAHDJSU48-W       | 21  |
| PSAHJU48           | 20  |
| PSAHJU48-W         | 20  |
| PSD5E6U12          | 28  |
| PSD5E6U24          | 28  |
| PSD66U12           | 28  |
| PSD66U24           | 28  |
| PSD66U48           | 28  |
| PSDHDJSU48         | 21  |
| PSDHDJSU48-W       | 21  |
| PSDHJU48           | 20  |
| PSDHJU48           | 72  |
| PSDHJU48-W         | 20  |
| PSDHJU48-W         | 72  |
| PS-M6X1CN          | 145 |
| PW5EPYYDB-XX       | 40  |
| PW5EPYYDB-XX       | 40  |
| PW5EPYYSB-XX       | 40  |
| PW5EPYYSB-XX       | 40  |
| Q                  |     |
| Q1E1EB10S7EMM8125F | 83  |
| Q7171B10S7OMM8125F | 83  |
| QCC-A454-02F1-001  | 45  |
| QCC-A454-02F1-002  | 45  |
| QCC-A454-02F1-003  | 45  |
| QCC-A454-02F1-004  | 45  |
| QCC-A454-02F1-005  | 45  |
| QCC-A454-02F1-006  | 45  |
| QCC-A454-02F1-007  | 45  |
| QCC-A454-02F1-008  | 45  |
| QCC-A454-02F1-009  | 45  |
| QCC-A454-02F1-010  | 45  |

|                   |    |
|-------------------|----|
| QCC-A454-02F1-014 | 45 |
| QCC-A454-02F1-015 | 45 |
| QCC-A454-02F1-020 | 45 |
| QCC-A454-02F1-025 | 45 |
| QCC-A454-02F1-030 | 45 |
| QCC-A454-02F1-035 | 45 |
| QCC-A454-02F1-6IN | 45 |
| QCC-A454-02F3-001 | 45 |
| QCC-A454-02F3-002 | 45 |
| QCC-A454-02F3-003 | 45 |
| QCC-A454-02F3-004 | 45 |
| QCC-A454-02F3-005 | 45 |
| QCC-A454-02F3-006 | 45 |
| QCC-A454-02F3-007 | 45 |
| QCC-A454-02F3-008 | 45 |
| QCC-A454-02F3-010 | 45 |
| QCC-A454-02F3-012 | 45 |
| QCC-A454-02F3-014 | 45 |
| QCC-A454-02F3-015 | 45 |
| QCC-A454-02F3-020 | 45 |
| QCC-A454-02F3-025 | 45 |
| QCC-A454-02F3-030 | 45 |
| QCC-A454-02F3-035 | 45 |
| QCC-A454-02F3-6IN | 45 |
| QCC-A454-02F6-001 | 45 |
| QCC-A454-02F6-002 | 45 |
| QCC-A454-02F6-003 | 45 |
| QCC-A454-02F6-004 | 45 |
| QCC-A454-02F6-005 | 45 |
| QCC-A454-02F6-006 | 45 |
| QCC-A454-02F6-007 | 45 |
| QCC-A454-02F6-008 | 45 |
| QCC-A454-02F6-009 | 45 |
| QCC-A454-02F6-010 | 45 |
| QCC-A454-02F6-012 | 45 |
| QCC-A454-02F6-015 | 45 |
| QCC-A454-02F6-020 | 45 |
| QCC-A454-02F6-025 | 45 |

# INDEX

## Q-R

|                   |     |             |     |             |    |
|-------------------|-----|-------------|-----|-------------|----|
| QCC-A454-02F6-030 | 45  | QSOHR-7RU-X | 143 | RDC609-03   | 40 |
| QCC-A454-02F6-035 | 45  | QSOHR-8RU-X | 143 | RDC609-04   | 40 |
| QCC-A454-02F6-6IN | 45  | QSOHR-CRB-X | 143 | RDC609-05   | 40 |
| QCC-A454-02F7-001 | 45  | QSOHR-RMK-X | 143 | RDC609-06   | 40 |
| QCC-A454-02F7-002 | 45  | QVMD706     | 124 | RDC609-08   | 40 |
| QCC-A454-02F7-005 | 45  | QVMD710     | 124 | RDC609-09   | 40 |
| QCC-A454-02F7-007 | 45  | QVMDCRK     | 124 | RDC61003-00 | 40 |
| QCC-A454-02F7-008 | 45  | QVMDESB     | 124 | RDC61003-02 | 40 |
| QCC-A454-02F7-009 | 45  | QVMS706     | 124 | RDC61003-03 | 40 |
| QCC-A454-02F7-010 | 45  | QVMS710     | 124 | RDC61003-04 | 40 |
| QCC-A454-02F7-012 | 45  | R           |     | RDC61003-05 | 40 |
| QCC-A454-02F7-014 | 45  | RADT90KIT   | 164 | RDC61003-06 | 40 |
| QCC-A454-02F7-015 | 45  | RCBK-6      | 158 | RDC61003-08 | 40 |
| QCC-A454-02F7-020 | 45  | RDC603-00   | 40  | RDC61003-09 | 40 |
| QCC-A454-02F7-025 | 45  | RDC603-02   | 40  | RDC61005-00 | 40 |
| QCC-A454-02F7-030 | 45  | RDC603-03   | 40  | RDC61005-02 | 40 |
| QCC-A454-02F7-035 | 45  | RDC603-04   | 40  | RDC61005-03 | 40 |
| QCC-A454-02F7-6IN | 45  | RDC603-05   | 40  | RDC61005-04 | 40 |
| QCC-A454-02F9-001 | 45  | RDC603-06   | 40  | RDC61005-05 | 40 |
| QCC-A454-02F9-003 | 45  | RDC603-08   | 40  | RDC61005-06 | 40 |
| QCC-A454-02F9-004 | 45  | RDC603-09   | 40  | RDC61005-09 | 40 |
| QCC-A454-02F9-005 | 45  | RDC605-00   | 40  | RDC61007-00 | 40 |
| QCC-A454-02F9-006 | 45  | RDC605-02   | 40  | RDC61007-02 | 40 |
| QCC-A454-02F9-007 | 45  | RDC605-03   | 40  | RDC61007-03 | 40 |
| QCC-A454-02F9-008 | 45  | RDC605-04   | 40  | RDC61007-04 | 40 |
| QCC-A454-02F9-009 | 45  | RDC605-05   | 40  | RDC61007-05 | 40 |
| QCC-A454-02F9-010 | 45  | RDC605-06   | 40  | RDC61007-06 | 40 |
| QCC-A454-02F9-014 | 45  | RDC605-09   | 40  | RDC61007-08 | 40 |
| QCC-A454-02F9-015 | 45  | RDC607-00   | 40  | RDC61007-09 | 40 |
| QCC-A454-02F9-025 | 45  | RDC607-02   | 40  | RDC61009-00 | 40 |
| QCC-A454-02F9-030 | 45  | RDC607-03   | 40  | RDC61009-02 | 40 |
| QCC-A454-02F9-035 | 45  | RDC607-04   | 40  | RDC61009-03 | 40 |
| QCC-A454-02F9-6IN | 45  | RDC607-05   | 40  | RDC61009-04 | 40 |
| QSOHR-2RU-X       | 143 | RDC607-06   | 40  | RDC61009-05 | 40 |
| QSOHR-3RU-X       | 143 | RDC607-08   | 40  | RDC61009-06 | 40 |
| QSOHR-4RU-X       | 143 | RDC607-09   | 40  | RDC61009-08 | 40 |
| QSOHR-5RU-X       | 143 | RDC609-00   | 40  | RDC61009-09 | 40 |
| QSOHR-6RU-X       | 143 | RDC609-02   | 40  | RDC61020-00 | 40 |

# INDEX

R-T

|             |     |
|-------------|-----|
| RDC61020-02 | 40  |
| RDC61020-03 | 40  |
| RDC61020-04 | 40  |
| RDC61020-05 | 40  |
| RDC61020-06 | 40  |
| RDC61020-08 | 40  |
| RDC61020-09 | 40  |
| RDC610YY-XX | 38  |
| RDC615-00   | 40  |
| RDC615-02   | 40  |
| RDC615-03   | 40  |
| RDC615-04   | 40  |
| RDC615-05   | 40  |
| RDC615-06   | 40  |
| RDC615-08   | 40  |
| RDC615-09   | 40  |
| RDC620-00   | 40  |
| RDC620-02   | 40  |
| RDC620-03   | 40  |
| RDC620-04   | 40  |
| RDC620-05   | 40  |
| RDC620-06   | 40  |
| RDC620-08   | 40  |
| RDC620-09   | 40  |
| RDC6YY-XX   | 38  |
| RECBK-12B   | 154 |
| RECBK-18B   | 154 |
| RECBK-24B   | 154 |
| RECBK-6B    | 154 |
| REK-2-3     | 158 |
| REK-4-6     | 158 |
| RFP01U      | 77  |
| RFP02U      | 77  |
| RFPA01U     | 77  |
| RFPA01U-A   | 78  |
| RFPA02U     | 77  |
| RFPA02U-A   | 78  |
| RFPAMD01UA  | 63  |

|               |     |
|---------------|-----|
| RFPAMD02U     | 62  |
| RFPHD01U      | 62  |
| RFPHD02U      | 62  |
| RMS011164SA09 | 82  |
| RRJC-S        | 123 |
| RRJC-T        | 123 |
| RU-1224CN     | 145 |
| S             |     |
| S215E00-XX    | 48  |
| S21600-XX     | 48  |
| S21HDJ10-YY   | 22  |
| S21HDJ10-YY   | 49  |
| S21RJ25       | 49  |
| S21RJ61       | 49  |
| S225E00-XX    | 48  |
| S22600-XX     | 48  |
| S22HDJ10-YY   | 22  |
| S22HDJ10-YY   | 49  |
| S22RJ25       | 49  |
| SC5EPYYDB-XX  | 43  |
| SC5ERYYYDB-XX | 43  |
| SC6APYYDB-XX  | 43  |
| SC6ARYYYDB-XX | 43  |
| SC6PYYDB-XX   | 43  |
| SC6RYYYDB-XX  | 43  |
| SHMC1RU       | 126 |
| SHMC2RU       | 126 |
| SHMC3RU       | 126 |
| SHMC4RU       | 126 |
| SMBDIN        | 46  |
| SP5EU24       | 34  |
| SP5EU48       | 34  |
| SP6AU24       | 34  |
| SP6AU48       | 34  |
| SP6U24        | 34  |
| SP6U48        | 34  |
| SPA5EU24      | 34  |
| SPA5EU48      | 34  |

|                  |     |
|------------------|-----|
| SPA6AU24         | 34  |
| SPA6AU48         | 34  |
| SPA6U24          | 34  |
| SPA6U48          | 34  |
| SPAKFU24         | 31  |
| SPAKFU48         | 31  |
| SPAKSU24         | 31  |
| SPAKSU48         | 31  |
| SPKFBU24         | 31  |
| SPKFBU24-W       | 31  |
| SPKFBU48         | 31  |
| SPKFBU48-W       | 31  |
| SPKFU24          | 31  |
| SPKFU48          | 31  |
| SPKSU24          | 31  |
| SPKSU48          | 31  |
| SVMS704          | 125 |
| SVMS706          | 125 |
| SVMS804          | 125 |
| SVMS806          | 125 |
| SWK              | 164 |
| SWM12RUPD-26-26  | 134 |
| SWM12RUPL-26-26  | 134 |
| SWM12RUSD-26-26  | 134 |
| SWM18RUPD-26-26  | 134 |
| SWM18RUPL-26-26  | 134 |
| SWM18RUSD-26-26  | 134 |
| SWM26RUPD-26-26  | 134 |
| SWM26RUPL-26-26  | 134 |
| SWM26RUSD-26-26  | 134 |
| SWMCASKT         | 135 |
| SWMFSK           | 135 |
| SWMHMBM12        | 135 |
| SWMPDU12RU       | 135 |
| SWMPDU18RU       | 135 |
| SWMPDU26RU       | 135 |
| SWMR12RUPD-26-26 | 134 |
| SWMR12RUPL-26-26 | 134 |

# INDEX

## T-Z

|                  |     |
|------------------|-----|
| SWMR12RUSD-26-26 | 134 |
| SWMR18RUPD-26-26 | 134 |
| SWMR18RUPL-26-26 | 134 |
| SWMR18RUSD-26-26 | 134 |
| SWMR26RUPD-26-26 | 134 |
| SWMR26RUPL-26-26 | 134 |
| SWMR26RUSD-26-26 | 134 |
| SWMRK12RU        | 135 |
| SWMRK18RU        | 135 |
| SWMRK26RU        | 135 |
| SWMRRCVR         | 135 |
| SWMVFK12RU       | 135 |
| SWMVFK18RU       | 135 |
| SWMVFK26RU       | 135 |
| T                |     |
| TJ5E00-XX        | 23  |
| TJ5E45-YY        | 23  |
| TJ600-XX         | 23  |
| TJ645-YY         | 23  |
| TJ6A-XX          | 23  |
| TJS5E00          | 24  |
| TJS600           | 24  |
| TJS6A            | 24  |
| TJSN6-XX         | 53  |
| TJSN6A-XX        | 53  |
| TJSNIC-53        | 53  |
| TRP11-CM         | 156 |
| TRP17-CM         | 156 |
| TRP5-CM          | 156 |
| TRP8-CM          | 156 |
| TRP8-S           | 156 |
| TRT10-12B        | 152 |
| TRT10-18B        | 152 |
| TRT10-24B        | 152 |
| TRT10-6B         | 152 |
| TRTC-12B         | 153 |
| TRTC-18B         | 153 |
| TRTC-24B         | 153 |

|                    |     |
|--------------------|-----|
| TRTC-6B            | 153 |
| TRTCI-12B          | 154 |
| TRTCI-18B          | 154 |
| TRTCI-24B          | 154 |
| TRTCI-6B           | 154 |
| TRTHR-12B          | 153 |
| TRTHR-18B          | 153 |
| U                  |     |
| U5555B10S7EMM8125F | 83  |
| U6363B10S7JMM8125F | 83  |
| UDO12              | 167 |
| UDO18              | 167 |
| UDO24              | 167 |
| UDO8               | 167 |
| URT10-12B          | 153 |
| URT10-18B          | 153 |
| URT10-24B          | 153 |
| URT10-6B           | 153 |
| V                  |     |
| VC603-09           | 43  |
| VC605-08           | 43  |
| VC607-09           | 43  |
| VC609-08           | 43  |
| VC609-09           | 43  |
| VC615-09           | 43  |
| VC625-09           | 43  |
| VO-84-T3E          | 125 |
| VO-84-T6E          | 125 |
| VWMBGK             | 137 |
| VWMBPLL            | 137 |
| VWMFD-4RU-36-B     | 136 |
| VWMFD-8RU-36-B     | 136 |
| VWMFDLL-36F-42S    | 137 |
| VWMFDLL-36S        | 137 |
| VWMFK-115          | 137 |
| VWMFKS-115         | 137 |
| VWMFK-12VDC        | 137 |
| VWMFK-220          | 137 |

|                |     |
|----------------|-----|
| VWMGR-30       | 137 |
| VWM-PIV-2RU    | 136 |
| VWM-PIV-4RU    | 136 |
| VWM-RR-4RU     | 136 |
| VWM-RR-8RU     | 136 |
| VWMSD-4RU-36-B | 136 |
| VWMSD-4RU-42-B | 136 |
| VWMSD-8RU-36-B | 136 |
| VWMSD-8RU-42-B | 136 |
| VWM-ZRU-B      | 137 |
| W              |     |
| WMBV2U         | 141 |
| WMBV3U         | 141 |
| WMBV4U         | 141 |
| WMRF-15-12     | 140 |
| WMRF-15-18     | 140 |
| WMRF-30-12     | 140 |
| WMRF-30-18     | 140 |
| WMRF-8-12      | 140 |
| WMRF-8-18      | 140 |
| WQS-01P        | 76  |
| WQS-02P        | 76  |
| WQS-04P        | 76  |
| WQS-STB        | 76  |
| WRTRT-12B      | 156 |
| Z              |     |
| Z4-RR-WC       | 146 |

# INDEX

## GLOBAL OFFERING

### Copper Solutions

| PART NO.   | PAGE |
|------------|------|
| HDJ5E-78   | 19   |
| HDJ6-00    | 19   |
| HDJ6-36    | 19   |
| HDJ6-44    | 19   |
| HDJ6-88    | 19   |
| HDJ6A-00   | 19   |
| HDJ6A-36   | 19   |
| HDJ6A-44   | 19   |
| HDJBL10-00 | 19   |
| HDJS625    | 19   |
| HDJS6A25   | 19   |

### Fiber Solutions

| PART NO.      | PAGE |
|---------------|------|
| HD8FP-LCQ08AC | 68   |
| HD8FP-LCQ08CC | 68   |
| HD8FP-LCQ08LC | 68   |
| HD8FP-LCQ08QC | 68   |
| HD8FP-MPANAAA | 68   |
| HD8FP-MPANACA | 68   |
| HD8FP-MPANAED | 68   |
| HD8FP-MPANAFD | 68   |
| HD8FP-MPANALA | 68   |
| HD8FP-MPANAMA | 68   |
| HDFP-BLANK    | 64   |
| HDFP-LCD08AC  | 64   |
| HDFP-LCD08LC  | 64   |
| HDFP-LCD08QC  | 64   |
| HDFP-LCD12AC  | 64   |
| HDFP-LCD12CC  | 64   |
| HDFP-LCD12LC  | 64   |
| HDFP-LCD12MB  | 64   |
| HDFP-LCD12QC  | 64   |
| HDFP-LCQ16AC  | 64   |
| HDFP-LCQ16LC  | 64   |

|                                                  |    |
|--------------------------------------------------|----|
| HDFP-LCQ16QC                                     | 64 |
| HDFP-LCQ24AC                                     | 64 |
| HDFP-LCQ24BC                                     | 64 |
| HDFP-LCQ24FC                                     | 64 |
| HDFP-LCQ24GC                                     | 64 |
| HDFP-LCQ24HC                                     | 64 |
| HDFP-LCQ24JC                                     | 64 |
| HDFP-LCQ24LC                                     | 64 |
| HDFP-LCQ24MB                                     | 64 |
| HDFP-LCQ24QC                                     | 64 |
| HDFP-MDC32AC                                     | 64 |
| HDFP-MDC32CC                                     | 64 |
| HDFP-MDC32LC                                     | 64 |
| HDFP-MDC32QC                                     | 64 |
| HDFP-MPA72CA                                     | 64 |
| HDFP-MPA72ED                                     | 64 |
| HDFP-MPA72FA                                     | 64 |
| HDFP-MPA72GA                                     | 64 |
| HDFP-MPA72LA                                     | 64 |
| HDFP-MPA96CA                                     | 64 |
| HDFP-MPA96FA                                     | 64 |
| HDFP-MPA96LA                                     | 64 |
| HDFP-SCD12AC                                     | 64 |
| HDFP-SCD12CC                                     | 64 |
| HDFP-SCD12LC                                     | 64 |
| HDFP-SCD12QC                                     | 64 |
| INFC01U-M4-E                                     | 61 |
| INFC01U-M8                                       | 67 |
| INFC02U-M4-E                                     | 61 |
| INFC02U-M8                                       | 67 |
| INFC04U-M4-E                                     | 61 |
| INFC04U-M8                                       | 67 |
| Infinium Fiber Trunk Cable Assembly Configurator | 83 |
| Infinium Fiber Patch Cord Assembly Configurator  | 84 |
| Keyed LC Connector Configurator                  | 94 |
| LM4-LA12J-1A2UN                                  | 65 |
| LM4-LA24J-3C1UN                                  | 65 |

|                 |    |
|-----------------|----|
| LM4-LA24J-3C2UN | 65 |
| LM4-LC12H       | 65 |
| LM4-LC12H-1A1UN | 65 |
| LM4-LC12H-1A4UN | 65 |
| LM4-LC12J       | 65 |
| LM4-LC12J-1A2UN | 65 |
| LM4-LC12J-1A3UN | 65 |
| LM4-LC12W       | 65 |
| LM4-LC24H       | 65 |
| LM4-LC24H-2A1UN | 65 |
| LM4-LC24H-2A4UN | 65 |
| LM4-LC24H-3C1UN | 65 |
| LM4-LC24H-3C3UN | 65 |
| LM4-LC24J       | 65 |
| LM4-LC24J-1A2H1 | 65 |
| LM4-LC24J-1A3H1 | 65 |
| LM4-LC24J-2A2UN | 65 |
| LM4-LC24J-2A3UN | 65 |
| LM4-LC24J-3C1UN | 65 |
| LM4-LC24J-3C2UN | 65 |
| LM4-LC24W       | 65 |
| LM8-LA08J       | 68 |
| LM8-LC08H       | 68 |
| LM8-LC08H-1C1UN | 68 |
| LM8-LC08H-1C4UN | 68 |
| LM8-LC08J       | 68 |
| LM8-LC08J-1C2UN | 68 |
| LM8-LC08J-1C3UN | 68 |
| LM8-LC08W       | 68 |
| M4LAD12-09R1A1  | 66 |
| M4LAD12-09S1A1  | 66 |
| M4LAQ24-09R1A1  | 66 |
| M4LAQ24-09S1A1  | 66 |
| M4LCD12-09R1A1  | 66 |
| M4LCD12-09R2A1  | 66 |
| M4LCD12-09R3A1  | 66 |
| M4LCD12-09S1A1  | 66 |
| M4LCD12-09S2A1  | 66 |



# INDEX

## GLOBAL OFFERING

|                 |    |
|-----------------|----|
| M4LCD12-09S3A1  | 66 |
| M4LCD12-50ER1A1 | 66 |
| M4LCD12-50ER3A1 | 66 |
| M4LCD12-50ER4A1 | 66 |
| M4LCD12-50ES3A1 | 66 |
| M4LCD12-50ES4A1 | 66 |
| M4LCD12-50WR4A1 | 66 |
| M4LCD12-50WS4A1 | 66 |
| M4LCQ24-09R1A1  | 66 |
| M4LCQ24-09R2A1  | 66 |
| M4LCQ24-09R3A1  | 66 |
| M4LCQ24-09S1A1  | 66 |
| M4LCQ24-09S2A1  | 66 |
| M4LCQ24-09S3A1  | 66 |
| M4LCQ24-50ER3A1 | 66 |
| M4LCQ24-50ER4A1 | 66 |
| M4LCQ24-50ES1A1 | 66 |
| M4LCQ24-50ES3A1 | 66 |
| M4LCQ24-50ES4A1 | 66 |
| M4LCQ24-50WR4A1 | 66 |
| M4LCQ24-50WS4A1 | 66 |
| M4MAE24-09A2K1  | 65 |
| M4MAE24-09A3K1  | 65 |
| M4MAE24-09B2K1  | 65 |
| M4MAE24-09B3K1  | 65 |
| M4MAE24-50EA3K1 | 65 |
| M4MAE24-50EB3K1 | 65 |
| M4MAE24-50WA4K1 | 65 |
| M4MAE24-50WB4K1 | 65 |
| M4MAE48-09A2K1  | 65 |
| M4MAE48-09A3K1  | 65 |
| M4MAE48-09B2K1  | 65 |
| M4MAE48-09B3K1  | 65 |
| M4MAE48-50EA3K1 | 65 |
| M4MAE48-50EB3K1 | 65 |
| M4MAE48-50WA4K1 | 65 |
| M4MAE48-50WB4K1 | 65 |
| M4MBE48-09B2K1  | 65 |

|                 |    |
|-----------------|----|
| M4MBE48-09B3K1  | 65 |
| M4MBE48-50EA3K1 | 65 |
| M4MBE48-50WA4K1 | 65 |
| M4SAD12-09R1A1  | 66 |
| M4SAD12-09S1A1  | 66 |
| M4SCD12-09R1A1  | 66 |
| M4SCD12-09S1A1  | 66 |
| M4SCD12-50ER1A1 | 66 |
| M4SCD12-50ER3A1 | 66 |
| M4SCD12-50ER4A1 | 66 |
| M4SCD12-50ES3A1 | 66 |
| M4SCD12-50WR4A1 | 66 |

# Notes

[illegible]

## TABLE OF CONTENTS

COPPER

FIBER

## OPTICS

## PHYSICAL SUPPORT

CABLOFIL

INDEX

# Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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