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HUBBELL® **Premise Wiring**   www.hubbell-premise.com

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netSELECT® SOLUTIONS

TECHNICAL INFORMATION

End-to-End Solutions

Hubbell solutions offer a fully integrated system of copper and fiber network cabling and components that are designed to exceed all applicable standards for performance and reliability. Hubbell cabling infrastructure offers the option of a complete end-to-end system utilizing Hubbell connectivity and cable or an open architecture solution utilizing Hubbell connectivity and cable from any of our qualified cable partners. Either option delivers all the benefits that component-level performance can offer to end users, designers and specifiers.

Hubbell cabling systems provide the confidence of third party component performance verification, along with a full 25-Year MISSION CRITICAL® System Warranty. Future performance, including 100W PoE capability, is also engineered into Hubbell UTP cabling systems to assure long term operation with emerging applications.

End-to-End Solutions

END-TO-END SOLUTIONS

The Hubbell Integrated System Advantage

Over the past decade, Ethernet data rates have escalated to support transmission of increasing volumes of data with larger file sizes associated with cloud computing, virtualization, streaming video and other digital media content. The increase in data rates impacts how networks and cabling infrastructure are designed and installed.

Supporting today's bandwidth intensive applications has resulted in a shift to 10GBASE-T deployments. As a result, 10GBASE-T is expanding in the enterprise and the data center. Hubbell's extensive line of both copper and fiber systems support 10GbE and other emerging technologies.
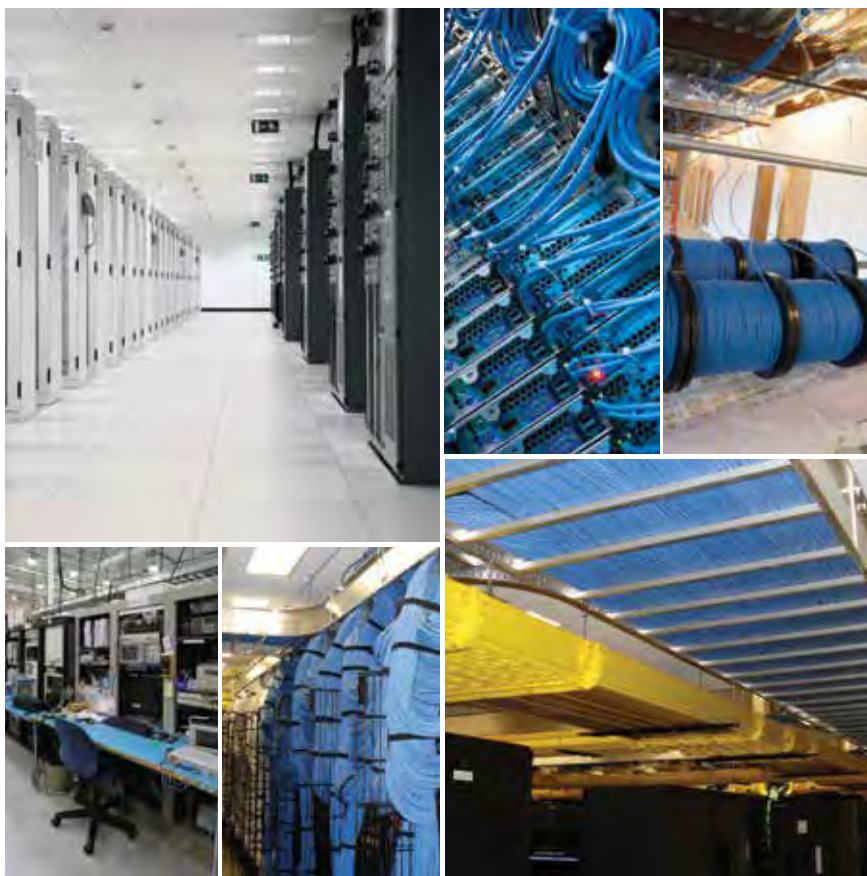
Hubbell is a Solution Developer Partner within the Cisco Developer Network Program

HUBBELL ® Premise Wiring   www.hubbell-premise.com

NEXTSPEED

HUBBELL
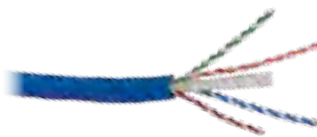
Jack	Patch Panel	Cable	Patch Cord
HJ6AB	HP6A24	C6ASRB	HC6AB01

NEXTSPEED® Ascent Category 6A UTP solution is a tuned system of structured cabling components designed and balanced to work together to support bandwidth beyond 625MHz. NEXTSPEED® Ascent provides the highest level of reliability with a zero bit error rate of 10^{-13}.

NEXTSPEED® Ascent Category 6A Jacks

Color	Single Pack	25-Pack	Color	Single Pack	25-Pack
Black	**HJ6ABK**	**HJ6ABK25**	Office White	**HJ6AOW**	**HJ6AOW25**
Blue	**HJ6AB**	**HJ6AB25**	Orange	**HJ6AOR**	**HJ6AOR25**
Electric Ivory	**HJ6AEI**	**HJ6AEI25**	Purple	**–**	**HJ6AP25**
Gold	**–**	**HJ6AGL25**	Red	**HJ6AR**	**HJ6AR25**
Gray	**HJ6AGY**	**HJ6AGY25**	White	**HJ6AW**	**HJ6AW25**
Green	**HJ6AGN**	**HJ6AGN25**	Yellow	**HJ6AY**	**HJ6AY25**

Note: Light Almond is the same color as Office White. See color chart on page V12.

NEXTSPEED® Ascent Category 6A Component Patch Panels, 19"

Format	Color	24-Port Catalog No.	48-Port Catalog No.
Standard	Black	**HP6A24**	**HP6A48**
Standard	White	**HP6A24W**	**HP6A48W**
Angled	Black	**HP6A24A***	**HP6A48A***

*Angled panels protrude 4.46" from the plane of the rack. One extra inch of space is recommended between the door and panel angle.
Note: See page C4 for additional sizes.

NEXTSPEED® Ascent Category 6A Cable

Color	Plenum Spool	Riser Spool
Blue	**C6ASPB**	**C6ASRB**
Gray	**C6ASPGY**	**C6ASRGY**
White	**C6ASPW**	**C6ASRW**
Yellow	**C6ASPY**	**C6ASRY**

Note: All category rated cable is packaged in 1000ft quantities.
Made-to-order colors available.
See Section E for additional cable requirements.

NEXTSPEED® Ascent Category 6A Patch Cords

Color	Catalog No.	Color	Catalog No.
Black	**HC6ABKyy**	Purple	**HC6APyy**
Blue	**HC6AByy**	Pink	**HC6APKyy**
Green	**HC6AGNyy**	Red	**HC6ARyy**
Gray	**HC6AGYyy**	White	**HC6AWyy**
Orange	**HC6AORyy**	Yellow	**HC6AYyy**

yy = *Standard Length:* **01** *(1'),* **03** *(3'),* **05** *(5'),* **07** *(7'),* **10** *(10'),* **15** *(15'),* **20** *(20'). Made-to-order lengths are available from 25ft to 100ft in 5ft increments. See color chart on page V12.*

NEXTSPEED® 10 GbE Field Termination Kits

Pairs	Legs	Connecting Blocks	Catalog No.
64-pair	With	16	**6110FTK64WL**
64-pair	Without	16	**6110FTK64NL**
192-pair	With	64	**6110FTK192WL**

Note: 6-110, 4-pair connecting blocks. See page C10 for full connecting block system.

NEXTSPEED® Ascent Category 6A Pre-Terminated Trunk Cable Assemblies

BIDnet Pre-Terminated Copper Trunk Assemblies are the ideal solutions for data centers, open office and other applications where accuracy, reliability and performance are critical factors.

- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Note: Contact your local distributor or Hubbell Customer Service for additional information on BIDnet Pre-Terminated Trunk Assemblies.

END-TO-END SOLUTIONS

Shielded Jack
SJ6A

Shielded Patch Panel
HPJS24

Shielded Patch Cord
PC6AGY03
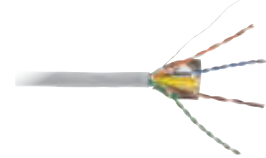
FTP Cable
C6AFTPSPGY

NEXTSPEED® Ascent Shielded Category 6A FTP is a tuned system of structured cabling components designed and balanced to work together delivering headroom beyond 500MHz. Ascent Shielded systems provide the highest level of reliability with additional protection against AXT and other external noise sources.

NEXTSPEED® Ascent Shielded Category 6A Jacks

Unit of Measure	Catalog No.
Single pack	**SJ6A**
24-pack	**SJ6A24**

NEXTSPEED® Shielded Category 6A Patch Cords

Color	Catalog No.	Color	Catalog No.
Black	**PC6ABKyy**	Gray	**PC6AGYyy**
Blue	**PC6AByy**	Yellow	**PC6AYyy**

yy = *Standard Length:* **03** *(3'),* **05** *(5'),* **07** *(7'),* **10** *(10'),* **15** *(15'),* **20** *(20'),* **25** *(25'). Made-to-order lengths are available from 30ft to 75ft in 5ft increments.*

NEXTSPEED® Shielded Patch Panels, Unloaded, 19"

Ports	Height Inches (mm)	Rack Units	Color	Catalog No.
24	1.75" (45)	1	Black	**HPJS24**
48	3.50" (89)	2	Black	**HPJS48**

Note: Jacks shown above are sold separately.

NEXTSPEED® Ascent 10GbE, FTP Cable, 4-Pair

Color	Plenum Spool	Riser Spool
Blue	**C6AFTPSPB**	**C6AFTPSRB**
Gray	**C6AFTPSPGY**	**C6AFTPSRGY**
White	**C6AFTPSPW**	**C6AFTPSRW**
Yellow	**C6AFTPSPY**	**C6AFTPSRY**

Note: All category rated cable is packaged in 1000 foot quantities. Made-to-order colors available.

NEXTSPEED® Ascent Shielded Category 6A Trunk Cable Assemblies

BIDnet Pre-Terminated Copper Trunk Assemblies improve air flow in the data center, decrease installation time and supply superior performance.

- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Note: Contact your local distributor or Hubbell Customer Service for additional information on BIDnet Pre-Terminated Copper Trunk Assemblies.

Jack
HXJ6BK

Patch Panel
HP648A

Patch Cord
HC6B01

Cable
C6RPY

The NEXTSPEED® Category 6 UTP system is designed to deliver headroom beyond 500MHz for dependable Multi-gigabit Ethernet applications. NEXTSPEED's extended bandwidth provides reliability with zero bit error rate performance for today's high speed digital communications.

NEXTSPEED® Category 6 Jacks

Color	Single Pack	25-Pack	Color	Single Pack	25-Pack
Black	**HXJ6BK**	**HXJ6BK25**	Office White	**HXJ6OW**	**HXJ6OW25**
Blue	**HXJ6B**	**HXJ6B25**	Purple	**–**	**HXJ6P25**
Gold	**–**	**HXJ6GL25**	Red	**HXJ6R**	**HXJ6R25**
Gray	**HXJ6GY**	**HXJ6GY25**	White	**HXJ6W**	**HXJ6W25**
Green	**HXJ6GN**	**HXJ6GN25**	Yellow	**HXJ6Y**	**HXJ6Y25**

Note: Light Almond is the same color as Office White. See color chart on page V12.

NEXTSPEED® Category 6 Patch Panels, 19"

Format	Color	24-Port Catalog No.	48-Port Catalog No.
Standard	Black	**HP624**	**HP648**
Standard	White	**HP624W**	**HP648W**
Angled	Black	**HP624A***	**HP648A***

*Angled panels protrude 4.46" from the plane of the rack. One extra inch of space is recommended between the door and panel angle.
Note: See page C5 for additional sizes.

NEXTSPEED® Category 6 Patch Cords

Color	Catalog No.	Color	Catalog No.
Black	**HC6BKyy**	Purple	**HC6Pyy**
Blue	**HC6Byy**	Red	**HC6Ryy**
Green	**HC6GNyy**	White	**HC6Wyy**
Gray	**HC6GYyy**	Yellow	**HC6Yyy**
Orange	**HC6ORyy**		

*yy = Standard Length: **01** (1'), **03** (3'), **05** (5'), **07** (7'), **10** (10'), **15** (15'), **20** (20'), **25** (25'). Made-to-order lengths are available from 30ft to 100ft in 5ft increments. See color chart on page V12.*

NEXTSPEED® Category 6 UTP Cable, 4-Pair

Color	REELEX® Plenum Box	REELEX® Riser Box
Blue	**C6RPB**	**C6RRB**
Gray	**C6RPGY**	**C6RRGY**
White	**C6RPW**	**C6RRW**
Yellow	**C6RPY**	**C6RRY**

Note: All category rated cable is packaged in 1000 foot quantities. Made-to-order colors available. See Section E for additional cable requirements. REELEX is licensed and patented by Windings Inc.

NEXTSPEED® Category 6 Field Termination Kits

Pairs	Legs	Connecting Blocks	Catalog No.
64-pair	With	16	**6110FTK64WL**
64-pair	Without	16	**6110FTK64NL**
192-pair	With	64	**6110FTK192WL**

Note: 6-110, 4-pair connecting blocks. See page C10 for full connecting block system.

NEXTSPEED® Category 6 Trunk Cable Assemblies

BIDnet assemblies provide simplicity for permanent links between switches, servers, patch panels, MUTOAs and zone distribution areas enabling easy moves, adds and changes to the infrastructure.

- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Note: Contact your local distributor or Hubbell Customer Service for additional information on BIDnet Pre-Terminated Copper Trunk Assemblies.

Jack
HXJ5EB

Patch Panel
HP5E24

Patch Cord
HC5EB01

Cable
C5EPRPB

NEXTSPEED® Category 5e is a designed to support reliable Gigabit Ethernet performance. The NEXTSPEED system is available in a variety of colors, lengths and configurations for multiple applications.

NEXTSPEED® Category 5e Jacks

Color	Single Pack	25-Pack	Color	Single Pack	25-Pack
Black	**HXJ5EBK**	**HXJ5EBK25**	Office White	**HXJ5EOW**	**HXJ5EOW25**
Blue	**HXJ5EB**	**HXJ5EB25**	Purple	**–**	**HXJ5EP25**
Gold	**–**	**HXJ5EGL25**	Red	**HXJ5ER**	**HXJ5ER25**
Gray	**HXJ5EGY**	**HXJ5EGY25**	White	**HXJ5EW**	**HXJ5EW25**
Green	**HXJ5EGN**	**HXJ5EGN25**	Yellow	**HXJ5EY**	**HXJ5EY25**

Note: Light Almond is the same color as Office White. See color chart on page V12.

NEXTSPEED® Category 5e Patch Panels, 19"

Format	Color	24-Port Catalog No.	48-Port Catalog No.
Standard	Black	**HP5E24**	**HP5E48**
Standard	White	**HP5E24W**	**HP5E48W**
Angled	Black	**HP5E24A***	**HP5E48A***

*Angled panels protrude 4.46" from the plane of the rack. One extra inch of space is recommended between the door and panel angle.
Note: See page C6 for additional sizes.

NEXTSPEED® Category 5e Patch Cords

Color	Catalog No.	Color	Catalog No.
Black	**HC5EBK**yy	Purple	**HC5EP**yy
Blue	**HC5EB**yy	Red	**HC5ER**yy
Gray	**HC5EGY**yy	White	**HC5EW**yy
Green	**HC5EGN**yy	Yellow	**HC5EY**yy
Orange	**HC5EOR**yy		

yy = *Standard Length:* **01** *(1'),* **03** *(3'),* **05** *(5'),* **07** *(7'),* **10** *(10'),* **15** *(15'),* **20** *(20'). Made-to-order lengths are available from 25ft to 100ft in 5ft increments.*

NEXTSPEED® GbE Ethernet Patch Panels, 19"

Format	Color	24-Port Catalog No.	48-Port Catalog No.
Standard	Black	**PG24**	**PG48**

NEXTSPEED® Category 5e UTP Cable, 4-Pair

Color	REELEX® Plenum	REELEX® Riser
Blue	**C5EPRPB**	**C5EPRRB**
Gray	**C5EPRPGY**	**C5EPRRGY**
White	**C5EPRPW**	**C5EPRRW**
Yellow	**C5EPRPY**	**C5EPRRY**

Note: All category rated cable is packaged in 1000ft quantities. Made-to-order colors available. See Section E for additional cable requirements. REELEX is licensed and patented by Windings Inc.

NEXTSPEED® Category 5e Field Termination Kits

Pairs with 4-pair blocks	Catalog No.
50-pair	**110BLK50FTK4**
100-pair	**110BLK100FTK4**
300-pair	**110BLK300FTK4**

Note: See page C11 for more information on 4- and 5-pair Category 5e 110 blocks.

NEXTSPEED® Category 5e Trunk Cable Assemblies

BIDnet offers a "Green" approach to cabling by providing the exact lengths and number of connections, eliminating unwanted cable waste.

- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical® 25-year warranty

Note: Contact your local distributor or Hubbell's Customer Service for additional information on BIDnet Pre-Terminated Copper Trunk Assemblies.

PROclick® Connectors
FCLC900K50GM12
FCSC900K50GM12

High Density Enclosure
FCRHD1BK
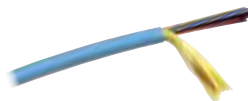
Cable
HFCD1024P3

MPO Cassette
OCLCQ50G

Fiber Trunk Assembly,
Made to Order

The Hubbell OptiChannel system is a comprehensive, end-to-end fiber solution that supports high bandwidth data center applications including 10/40/100 Gigabit Ethernet. The OptiChannel high density modular design promotes efficiency, flexibility and maximum space utilization without compromising accessibility.

PROclick® Connectors

OM3 multimode

Description	Catalog No.
LC 12-pack	**FCLC900K50GM12**
SC 12-pack	**FCSC900K50GM12**
LC 100-pack	**FCLC900K50GM100**

High Density Patch Cords

OM3 duplex single jacket

Description	Catalog No.
LC to LC	**HDPCLC50G3My**
LC to SC	**HDPCLCSC50G3My**

y = Standard Length: 1, 2, 3, 4, 5, 6, 8 or 10 meters

Standard SC/LC-MPO Cassettes

50, OM3

Description	Ports	Catalog No.
SC duplex	12	**OCSC50G**
LC duplex	12	**OCLC50G**
LC duplex	24	**OCLCD50G**
LC quad	24	**OCLCQ50G**

Note: Standard LC-MPO cassettes are not compatible with the HD enclosures.

High Density Enclosures

144-port, 1U, 19" (483)

Color	Catalog No.
Black	**FCRHD1UBK**
Gray	**FCRHD1UGY**

Cable

Description	Catalog No.
Indoor, tight buffer	**HFCD1** Series
Indoor, tight buffer, armored	**HFCD15** Series
Indoor/outdoor, tight buffer	**HFCD14** Series
Indoor/outdoor, tight buffer, armored	**HFCD19** Series

Note: See Section I for more information.

Ultra Compact LC-MPO Cassettes

Description	Catalog No.
12-port, 50, OM3	**OCLCHD50G3**

Fiber Trunk Cable Assemblies

BIDnet pre-terminated fiber trunk assemblies are custom made to order in any length, fiber type or cable construction for a reliable, high-performance data center.

• Fast, efficient deployment
• 100% factory tested and assembled
• Mission Critical® 25-year warranty

MPO round, OM3/OM4

Options	Applications Supported
12-fiber	10/40 GbE
24-fiber	10/40/100 GbE
48-fiber	10/40/100 GbE

Note: Contact your local distributor or Hubbell customer service for additional information on BIDnet Pre-Terminated Fiber Trunk Assemblies. See page H6 for fiber BIDnet assemblies.

Standard Patch Cords

OM3 duplex zipcord jacket

Description	Catalog No.
LC to LC	**DFPCLCLCEyMM**
MSFP to LC	**MSFPLC50G3My**

y = Standard Length: 1, 2, 3, 4, 5, 6, 8 or 10 meters

COPPER | Work Area

Hubbell's work area solutions and modular connectivity have many innovative features that integrate into a wide range of Hubbell products—floor boxes, patch panels, conference table boxes, fire-rated poke-throughs and face plates.

COPPER | Work Area

COPPER | WORK AREA

Specifications

- 4.5db min NEXT component margin @ 500MHz over TIA-568-C.2
- 1.5dB min NEXT component margin over ISO
- Third party verification program
- 100% factory tested

Standards

- TIA-568-C.2 Category 6A component
- IEC 60603-7-41 Category 6A component
- Qualified to 150% of IEEE 802.3bt current level
- IEEE 802.3an 10GBASE-T

HJ6ABK

NEXTSPEED® Ascent Category 6A Jacks

Color	Single Pack	25-Pack
Black	**HJ6ABK**	**HJ6ABK25**
Blue	**HJ6AB**	**HJ6AB25**
Electric Ivory	**HJ6AEI**	**HJ6AEI25**
Gold	**–**	**HJ6AGL25**
Gray	**HJ6AGY**	**HJ6AGY25**
Green	**HJ6AGN**	**HJ6AGN25**
Office White	**HJ6AOW**	**HJ6AOW25**
Orange	**HJ6AOR**	**HJ6AOR25**
Purple	**–**	**HJ6AP25**
Red	**HJ6AR**	**HJ6AR25**
White	**HJ6AW**	**HJ6AW25**
Yellow	**HJ6AY**	**HJ6AY25**

Note: Also available in 100 packs.
See color chart on page V12.

Highest Density
Small form factor allows up to 6 jacks in a single gang or 48 jacks in a 1-U panel.

Strain Relief
Locking IDC stuffer cap secures wires to ensure complete termination retention.

IDC Lacing
IDC towers have a blade feature to assist pair splitting during termination.

COPPER | WORK AREA

Specifications

- Zinc die-cast construction provides enhanced protection
- Third party verified
- 100% factory tested

Standards

- TIA-568-C.2 Category 6A component
- IEC 60603-7-51 Category 6A component
- Qualified to 150% of IEEE 802.3bt current level
- IEEE 802.3an 10GBASE-T

SJ6A

NEXTSPEED® Ascent Category 6A Shielded Jacks

Unit of Measure	Catalog No.
Single pack	**SJ6A**
24-pack	**SJ6A24**

NEXTSPEED® Category 6 Shielded Jacks

Unit of Measure	A-Wired Catalog No.
Single pack	**SJ6**
24-pack	**SJ624**

Termination Cap

Quick lacing termination cap eliminates punching down individual wires increasing termination speed and quality.

Die-Cast Housing

Jack housing made from die cast zinc and hinges open to accept termination cap.

Tool-Less Termination

Jack housing easily closes by hand to terminate all four pairs at once and locks to provide superior strain relief.

COPPER | WORK AREA

Labor Savings
Exclusive 1-Punch Tool, terminates within seconds.

Universal Wiring
Two distinct labels eliminate wiring confusion, T568B or T568A.

IDC Lacing
IDC towers have a blade feature to assist pair splitting during termination.

Specifications
- Mating cycles: 2500
- Manufacturing: 100% factory tested

Standards
- TIA-568-C.2 Category 6 component
- IEC 60603-7-4 Category 6 component
- Qualified to 150% of IEEE 802.3bt current level
- IEEE 802.3an 10GBASE-T

Category 6 Jack
HXJ6GN

Category 5e Jack
HXJ5EB

USOC Jack
HXJUEI

NEXTSPEED® Ascent Category 6 Jacks		
Color	Single Pack	25-Pack
Black	**HXJ6BK**	**HXJ6BK25**
Blue	**HXJ6B**	**HXJ6B25**
Electric Ivory	**HXJ6EI**	**HXJ6EI25**
Gold	**–**	**HXJ6GL25**
Gray	**HXJ6GY**	**HXJ6GY25**
Green	**HXJ6GN**	**HXJ6GN25**
Office White	**HXJ6OW**	**HXJ6OW25**
Orange	**HXJ6OR**	**HXJ6OR25**
Purple	**–**	**HXJ6P25**
Red	**HXJ6R**	**HXJ6R25**
White	**HXJ6W**	**HXJ6W25**
Yellow	**HXJ6Y**	**HXJ6Y25**

NEXTSPEED® Category 5e Jacks	
Single Pack	25-Pack
HXJ5EBK	**HXJ5EBK25**
HXJ5EB	**HXJ5EB25**
HXJ5EEI	**HXJ5EEI25**
–	**HXJ5EGL25**
HXJ5EGY	**HXJ5EGY25**
HXJ5EGN	**HXJ5EGN25**
HXJ5EOW	**HXJ5EOW25**
HXJ5EOR	**HXJ5EOR25**
–	**HXJ5EP25**
HXJ5ER	**HXJ5ER25**
HXJ5EW	**HXJ5EW25**
HXJ5EY	**HXJ5EY25**

USOC Jacks, RJ-25
Single Pack
HXJUBK
HXJUB
HXJUEI
–
HXJUGY
HXJUGN
HXJUOW
HXJUOR
–
HXJUR
HXJUW
HXJUY

Note: Also available in 100 packs.
See color chart on page V12.

Jack Icons
IR100T, IW100C, IGY100T

Dust Cover
HXJDC25

Jack Icons, XJ and HJ Series

100-Pack, snaps onto jack nose

Color	Blank Catalog No.	Computer Catalog No.	Telephone Catalog No.
Black	**IBK100**	**IBK100C**	**IBK100T**
Blue	**IB100**	**IB100C**	**IB100T**
Brown	**IBN100**	**IBN100C**	**IBN100T**
Electric Ivory	**IEI100**	**IEI100C**	**IEI100T**
Gray	**IGY100**	**IGY100C**	**IGY100T**
Green	**IGN100**	**IGN100C**	**IGN100T**
Orange	**IOR100**	**IOR100C**	**IOR100T**
Purple	**IP100**	**IP100C**	**IP100T**
Red	**IR100**	**IR100C**	**IR100T**
White	**IW100**	**IW100C**	**IW100T**
Yellow	**IY100**	**IY100C**	**IY100T**

Note: Cannot be used with SJ jack series.
Custom Icon numbering and labeling available. Contact Customer Service for details.

Jack Dust Covers, XJ and HJ Series

Description	Catalog No.
Polypropylene, clear, 25-pack	**HXJDC25**

Note: Mounts within the icon slots located above the RJ45 opening. Cannot be used with SJ jack series.

Shielded Jack Dust Covers for NEXTSPEED® SJ Series

100-Pack, snaps onto jack nose

Color	Catalog No.
Black	**SJCBK**
Blue	**SJCB**
Gray	**SJCGY**
Green	**SJCGN**
Orange	**SJCOR**
Red	**SJCR**
White	**SJCW**
Yellow	**SJCY**

Note: See color chart on page V12.

SecureIT™ RJ-45 Port Blocker

Description	Catalog No.
Locking RJ-45 port blocker	**RJ45PB50**

Note: Fits any RJ-45 port.

COPPER | WORK AREA

1-Punch Termination Tools
TX4P, TPDH

Termination Puck
HXTP25

6-110, 4-Pair, Cat 6
Termination Tool
6110MPPDT

1-Punch 110, 5-Pair, Cat 5/5e
Termination Tool
T5PPD110

1-Punch XJ Termination Tools

Description	Catalog No.
1-punch Ascent tool with head, blades and HXTA termination aid	**TX4P6A**
1-punch Ascent tool replacement head	**TX4P6AH**
1-punch Ascent tool replacement blades	**TX4P6ABL**
1-punch XJ tool with head, blades and HXTA termination aid	**TX4P**
1-punch XJ replacement head	**TX4PH**
1-punch XJ replacement blades	**TX4PHBL**
Punch down tool, 1-pair	**TPDH**
1-pair 110 blade	**TBLH**

Note: Hubbell Xcelerator jacks are compatible with Paladin Tools® "Jack Terminator" PA8111 termination tool.

1-Punch Tool for HP Series Patch Panels

Description	Catalog No.
Patch panel tool with head and blades	**TX41**
Patch panel tool replacement head	**TX414**

Termination Accessories

Description	Catalog No.
Hand termination aid "Jack Knuckles" Xcelerator/Ascent	**HXTA**
Snap-X termination puck, 25-pack	**HXTP25**
Ascent termination puck, 25-pack	**HJTP6A25**

Termination Tool, 6-110/4-Pair, Category 6

Seats 6-110/4-pair connecting blocks and terminate/cut UTP cable on 6-110 wiring blocks; cut designation on tool head aids proper orientation before termination

Description	Catalog No.
Termination tool, 4-pair, 6-110	**6110MPPDT**
Replacement tool head, 6-110	**6110MPPDT1**

Note: Not compatible with 1-punch tool

1-Punch Termination Tool, 110/5-Pair, Category 5/5e

Seats 110 connecting blocks and terminate/cut UTP cable on 110 wiring blocks; terminates 28-22AWG solid/stranded wire; common handle for 5-pair/110, jack and panel 1-punch

Description	Catalog No.
Punch-down tool, 5-pair head	**T5PPD110**

Features

- Compact size
- High-visibility for quick locating
- Adjusting screw for varied cable diameters so as to not score interior conductor insulation

Specifications

- Strips round Cat 5e and 6 UTP/STP (diameters 0.145" to 0.275")
- Cuts cable up to 0.350"
- Non-metallic body

Communications Cable Stripper/Cutter

Description	Catalog No.
Stripper/cutter	**TCS3**

Paladin Tools® is a registered trademark of Textron Inc.

| 1-Pair Punch-Down Tool TPDH | 1-Pair Punch-Down Replacement Blade TBLH | 110 Punch-Down Tool TPD110 | 110 Replacement Blade TBL110 | 66 Replacement Blade TBL110 |

1-Pair Punch-Down Tool

Cuts punch time in half by terminating a pair at a time; terminates 28-22AWG solid/stranded wire; adjustable high and low impact settings

Description	Catalog No.
Punch-down tool with blade	**TPDH**
Replacement blade	**TBLH**

Punch-Down Tool, 110

Terminates 28-22AWG solid/stranded wire; adjustable high and low impact settings, lanyard holes in handle

Description	Catalog No.
Punch-down tool with 110 blade	**TPD110**
Replacement 110 blade	**TBL110**
Replacement 66 blade	**TBL66**

Features

- Punch-down tool with 110 and 66 blades
- Durable, nylon belt pouch
- Belt pouch fits up to 2½" belt (slide on style)
- Snap-X has removable lanyard

Specifications

- Punch-down tool for 28–22AWG solid or stranded wire
- Twist and lock 110 and 66 blades
- Screwdriver includes #4 and #6 slotted bits, and #2 and #3 Philips bits

Tool Kit, 8-Piece

Includes: (1) punch-down tool with 110 and 66 blade, (1) pair snips, (1) 4-bit screwdriver, (1) UTP/STP cable striper/cutter, (1) Maglite™, (1) black belt pouch, and (1) Snap-X termination aid

Description	Catalog No.
Tool kit, 8-piece	**TK8**

Maglite is a trademark of Mag Instruments, Inc.

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Specifications

- Fits all Hubbell keystone connections (AV, data and fiber)
- Available in single and double gang
- All IFP plates are supplied with paper labels, clear screw covers and color matched screw covers
- Secure; must remove plate to access connectivity

c(UL)us

1-Port	6-Port	9-Port	Angled	Blank
IFP11OW	IFP16OW	IFP29OW	AFP14	NP23I

IFP Faceplates with Label Fields

Color	Single Gang					Double Gang		
	1-Port	2-Port	3-Port	4-Port	6-Port	6-Port	9-Port	12-Port
Black	IFP11BK	IFP12BK	IFP13BK	IFP14BK	IFP16BK	IFP26BK	IFP29BK	IFP212BK
Ivory	IFP11EI	IFP12EI	IFP13EI	IFP14EI	IFP16EI	IFP26EI	IFP29EI	IFP212EI
Gray	IFP11GY	IFP12GY	IFP13GY	IFP14GY	IFP16GY	IFP26GY	IFP29GY	IFP212GY
Office White	IFP11OW	IFP12OW	IFP13OW	IFP14OW	IFP16OW	IFP26OW	IFP29OW	IFP212OW
White	IFP11W	IFP12W	IFP13W	IFP14W	IFP16W	IFP26W	IFP29W	IFP212W

NS Faceplates without Label Fields

Color	Single Gang					Double Gang	
	1-Port	2-Port	3-Port	4-Port	6-Port	4-Port	6-Port
Black	NSP11BK	NSP12BK	NSP13BK	NSP14BK	NSP16BK	NSP24BK	NSP26BK
Gray	NSP11GY	NSP12GY	NSP13GY	NSP14GY	NSP16GY	NSP24GY	NSP26GY
Ivory	NSP11I	NSP12I	NSP13I	NSP14I	NSP16I	NSP24I	NSP26I
Light Almond	NSP11LA	NSP12LA	NSP13LA	NSP14LA	NSP16LA	NSP24LA	NSP26LA
White	NSP11W	NSP12W	NSP13W	NSP14W	NSP16W	NSP24W	NSP26W

NS Faceplates, Midsize without Label Fields

Color	Single Gang				
	1-Port	2-Port	3-Port	4-Port	6-Port
Black	NSP101BK	NSP102BK	NSP103BK	NSP104BK	NSP106BK
Gray	NSP101GY	NSP102GY	NSP103GY	NSP104GY	NSP106GY
Ivory	NSP101I	NSP102I	NSP103I	NSP104I	NSP106I
Light Almond	NSP101LA	NSP102LA	NSP103LA	NSP104LA	NSP106LA
White	NSP101W	NSP102W	NSP103W	NSP104W	NSP106W

Angled Faceplates

Color	Single Gang
	4-Port
Black	–
Gray	AFP14G
Ivory	AFP14E
Light Almond	AFP14
White	AFP14W

Blank Wallplates

Color	Standard				Midsize	
	1-Gang	2-Gang	3-Gang	4-Gang	1-Gang	2-Gang
Black	NP13BK	NP23BK	NP33BK	NP43BK	NPJ13BK	NPJ23BK
Gray	NP13GY	NP23GY	NP33GY	NP43GY	NPJ13GY	NPJ23GY
Ivory	NP13I	NP23I	NP33I	NP43I	NPJ13I	NPJ23I
Light Almond	NP13LA	NP23LA	NP33LA	NP43LA	NPJ13LA	NPJ23LA
White	NP13W	NP23W	NP33W	NP43W	NPJ13W	NPJ23W

Note: Light Almond is the same color as Office White. See color chart on page V12.

Specifications

Keystone:
- Fits all Hubbell keystone connections (AV, data and fiber)

Modular Frames:
- IMSS plates available in 1-, 2-, 3- and 4-gang
- Fits most Hubbell iSTATION modules

1-Port
SSF11

4-Port with Label Fields
SSFL14

12-Port with Label Fields
SSFL212

iSTATION 3-Gang
IMSS3

Stainless Steel Plates, Rear Loading

Single Gang

	1-Port	2-Port	3-Port	4-Port	6-Port
Catalog No.	**SSF11**	**SSF12**	**SSF13**	**SSF14**	**SSF16**

Stainless Steel Plates, Rear Loading

Double Gang

	4-Port	6-Port	9-Port	12-Port
Catalog No.	**SSF204**	**SSF206**	**SSF209**	**SSF212**

Stainless Steel Plates with Label Fields, Rear Loading

Single Gang

	1-Port	2-Port	3-Port	4-Port	6-Port
Catalog No.	**SSFL11**	**SSFL12**	**SSFL13**	**SSFL14**	**SSFL16**

Stainless Steel Plates with Label Fields, Rear Loading

Double Gang

	4-Port	6-Port	9-Port	12-Port
Catalog No.	**SSFL24**	**SSFL26**	**SSFL29**	**SSFL212**

Hubbell iSTATION Stainless Steel Plates, Front Loading

	1-Gang	2-Gang	3-Gang	4-Gang
Catalog No.	**IMSS1**	**IMSS2**	**IMSS3**	**IMSS4**

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Specifications

- IFP126xx is the industry's only decorator plate that is UL Listed for power and low-voltage with label fields
- Integrates with all Hubbell keystone connections (AV, data and fiber)
- ISF frames available in 2-, 3-, 4- and 6-port configurations
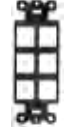
| Standard NP262LA | Snap-On RCW2I | Brass Decorator SB262 | IFP with Label Fields IFP126AL | Outlet Frame ISF6BK | Blank Outlet Frame NS620AL |

Decorator Wallplates, Standard, Nylon

Color	1-Gang	2-Gang	3-Gang	4-Gang	5-Gang	6-Gang
Almond	**NP26AL**	**NP262AL**	**NP263AL**	**NP264AL**	**NP265AL**	**NP266AL**
Black	**NP26BK**	**NP262BK**	**NP263BK**	**NP264BK**	**NP265BK**	**NP266BK**
Gray	**NP26GY**	**NP262GY**	**NP263GY**	**NP264GY**	**NP265GY**	**NP266GY**
Ivory	**NP26I**	**NP262I**	**NP263I**	**NP264I**	**NP265I**	**NP266I**
Light Almond	**NP26LA**	**NP262LA**	**NP263LA**	**NP264LA**	**NP265LA**	**NP266LA**
White	**NP26W**	**NP262W**	**NP263W**	**NP264W**	**NP265W**	**NP266W**

Decorator Wallplates, Midsize, Nylon

Color	1-Gang	2-Gang	3-Gang	4-Gang
Almond	**NPJ26AL**	**NPJ262AL**	**NPJ263AL**	**NPJ264AL**
Black	**NPJ26BK**	**NPJ262BK**	**NPJ263BK**	**NPJ264BK**
Gray	**NPJ26GY**	**NPJ262GY**	**NPJ263GY**	**NPJ264GY**
Ivory	**NPJ26I**	**NPJ262I**	**NPJ263I**	**NPJ264I**
Light Almond	**NPJ26LA**	**NPJ262LA**	**NPJ263LA**	**NPJ264LA**

Decorator Wallplates, Snap-On

Color	1-Gang	2-Gang	3-Gang	4-Gang	5-Gang	6-Gang
Ivory	**RCW1I**	**RCW2I**	**RCW3I**	**RCW4I**	**RCW5I**	**RCW6I**
Light Almond	**RCW1LA**	**RCW2LA**	**RCW3LA**	**RCW4LA**	**RCW5LA**	**RCW6LA**
White	**RCW1W**	**RCW2W**	**RCW3W**	**RCW4W**	**RCW5W**	**RCW6W**

Decorator Cover Plates

Material	1-Gang	2-Gang
Brass	**SB26**	**SB262**
Stainless Steel	**SS26**	**SS262**

IFP Decorator Cover Plates with Label Fields

Color	1-Gang
Almond	**IFP126AL**
Gray	**IFP126GY**
Office White	**IFP126OW**
White	**IFP126W**

Decorator Outlet Frames, Unloaded

Color	1-Port	2-Port	3-Port	4-Port	6-Port	Color	Blank
Almond	–	**ISF2AL**	**ISF3AL**	**ISF4AL**	**ISF6AL**	Almond	**NS620AL**
Black	**NS611BK**	**ISF2BK**	**ISF3BK**	**ISF4BK**	**ISF6BK**	Black	**NS620BK**
Brown	**NS611**	**ISF2BN**	**ISF3BN**	**ISF4BN**	**ISF6BN**	Brown	–
Ivory	**NS611I**	**ISF2EI**	**ISF3EI**	**ISF4EI**	**ISF6EI**	Ivory	**NS620I**
Gray	**NS611GY**	**ISF2GY**	**ISF3GY**	**ISF4GY**	**ISF6GY**	Gray	**NS620GY**
Light Almond	**NS611LA**	–	–	–	–	Light Almond	**NS620LA**
Office White	**NS611OW**	**ISF2OW**	**ISF3OW**	**ISF4OW**	**ISF6OW**	White	**NS620W**
White	**NS611W**	**ISF2W**	**ISF3W**	**ISF4W**	**ISF6W**		

Note: Light Almond is the same color as Office White. See color chart on page V12.

Specifications

- IFP18xx is the only duplex plate in the industry that is UL Listed for power and low-voltage with label fields
- Integrates with all Hubbell keystone connections (AV, data and fiber)
- ISF frames available in 2- and 4-port configurations

Nylon 1-Gang
NP8I

Stainless Steel 2-Gang
SS82

IFP with Label Fields
IFP18OW

2-Port 106 Outlet
BR106B

4-Port 106 Outlet
Q106B

Duplex Wallplates, Nylon

Standard					Midsize	
Color	1-Gang	2-Gang	3-Gang	4-Gang	1-Gang	2-Gang
Almond	**NP8AL**	**NP82AL**	**NP83AL**	**NP84AL**	**NPJ8AL**	**NPJ82AL**
Black	**NP8BK**	**NP82BK**	**NP83BK**	**NP84BK**	**NPJ8BK**	**NPJ82BK**
Gray	**NP8GY**	**NP82GY**	**NP83GY**	**NP84GY**	**NPJ8GY**	**NPJ82GY**
Ivory	**NP8I**	**NP82I**	**NP83I**	**NP84I**	**NPJ8I**	**NPJ82I**
Light Almond	**NP8LA**	**NP82LA**	**NP83LA**	**NP84LA**	**NPJ8LA**	**NPJ82LA**
White	**NP8W**	**NP82W**	**NP83W**	**NP84W**	**NPJ8W**	**NPJ82W**

Duplex Wallplates, Stainless Steel

Finish	1-Gang	2-Gang
Brass	**SB8**	**SB82**
Stainless Steel	**SS8**	**SS82**

IFP Duplex Cover Plates with Label Fields

Color	1-Gang
Almond	**IFP18AL**
Office White	**IFP18OW**

Duplex 106 Outlet Frames

Color	2-Port	4-Port
Almond	**BR106AL**	**Q106AL**
Black	**BR106B**	**Q106B**
Ivory	**BR106E**	**Q106E**
Gray	**BR106G**	**Q106G**
Office White	**BR106C**	**Q106O**
White	**BR106W**	**Q106W**

Note: Light Almond is the same color as Office White. See color chart on page V12.

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Specifications

- The sliding cover provides protection and longer life
- Staggered, angled openings provide proper cable exit and bend radius
- Two methods to secure cover: screw, latch or both
- Indoor or NEMA 3R weather-proof grade

Tamper-Resistant TPF1OW	TR Cable-Thru TPCP1GY	Weather Proof TWPF1GY	Box Eliminator BRBE1	Phone Plate SP6F	Recessed Phone Plate SP6R

Secure-IT Plates, Tamper-Resistant

Color	Face Plate 1-Gang/4-Port	Cable-Thru Plate 1-Gang
Black	**TPF1BK**	**TPCP1BK**
Gray	**TPF1GY**	**TPCP1GY**
Office White	**TPF1OW**	**TPCP1OW**
White	**TPF1W**	**TPCP1W**

Secure-IT Plates, Weather Proof

Color	Face Plate 1-Gang/4-Port
Gray	**TWPF1GY**

Box Eliminator

Description	Catalog No.
Single gang box eliminator used in place of an electrical box. Secures to a drywall opening providing a means to mount a single gang plate.	**BRBE1**

Stainless Steel Wall Mount Phone Plates, Single Gang

Description	Color	Flush Jack	Recessed Jack
USOC jack, RJ25, 6-position	Gray	**SPUF**	**SPUR**
Category 5e jack, RJ45, 8-position	Gray	**SP5EF**	**SP5ER**
Category 6 jack, RJ45, 8-position	Gray	**SP6F**	**SP6R**
10 Gig jack, RJ45, 8-position	Gray	**SP10GF**	**SP10GR**

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Specifications

- Work area and individual port identification labeling
- FP plate positions connectivity outside the furniture channel maximizing internal capacity

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2-Port
FP2BK

4-Port
FP4BK

4-Port Inline
FP4BBK

Adapter Plate
HMRBBK

Furniture Plates (Steelcase®, Haworth®, HON®, Knoll®, etc.)

Opening size: 2.71" x 1.38"

Color	2-Port	4-Port	4-Port Inline
Black	**FP2BK**	**FP4BK**	**FP4BBK**
Gray	**FP2GY**	**FP4GY**	**FP4BGY**

Furniture Reducing Adapter Plate (Herman Miller®)

May be used with the FP2 or FP4 series furniture plates only for Herman Miller applications; Opening size: 2.982" x 1.882"

Color	Catalog No.
Black	**HMRBBK**
Gray	**HMRBGY**

FP2 and FP4 Opening Size

R max: 0.16

0.55 ± 0.025

1.38 ± .035

2.71 ± .04

first obstruction

1.2 Min.
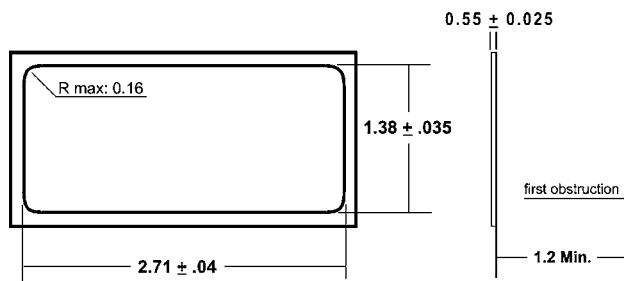
Steelcase is a registered trademark of Steelcase, Inc. Haworth is a registered trademark of Haworth, Inc. HON is a registered trademark of the HON Company. Knoll is a registered trademark of Knoll, Inc. Herman Miller is a registered trademark of Herman Miller, Inc.

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Specifications

- Fiber storage in 4-, 6- and 12-port versions
- 4- and 6-port versions have ratcheting tabs for adjustable furniture mounting
- 1-, 2-, 4-, 6- and 12-port configurations
- Plenum versions available

1-Port	2-Port	4-Port	6-Port
ISB1OW	ISB2OW	ISB4OW	ISB12OW

ISB Surface Mount Boxes

Color	1-Port	2-Port	4-Port	6-Port	12-Port
Black	**ISB1BK**	**ISB2BK**	**ISB4BK**	**ISB6BK**	**ISB12BK**
Ivory	**ISB1EI**	**ISB2EI**	**ISB4EI**	**ISB6EI**	**ISB12EI**
Gray	**ISB1GY**	**ISB2GY**	**ISB4GY**	**ISB6GY**	**ISB12GY**
Office White	**ISB1OW**	**ISB2OW**	**ISB4OW**	**ISB6OW**	**ISB12OW**
White	**ISB1W**	**ISB2W**	**ISB4W**	**ISB6W**	**ISB12W**

Note: ISB surface mount boxes are not compatible with SJ shielded jacks.

UL Plenum Rated ISB Surface Mount Boxes

Color	1-Port	2-Port
Black	**ISB1BKP**	**ISB2BKP**
Ivory	**ISB1EIP**	**ISB2EIP**
Gray	**ISB1GYP**	**ISB2GYP**
Office White	**ISB1OWP**	**ISB2OWP**
White	**ISB1WP**	**ISB2WP**

Note: ISB surface mount boxes are not compatible with SJ shielded jacks.
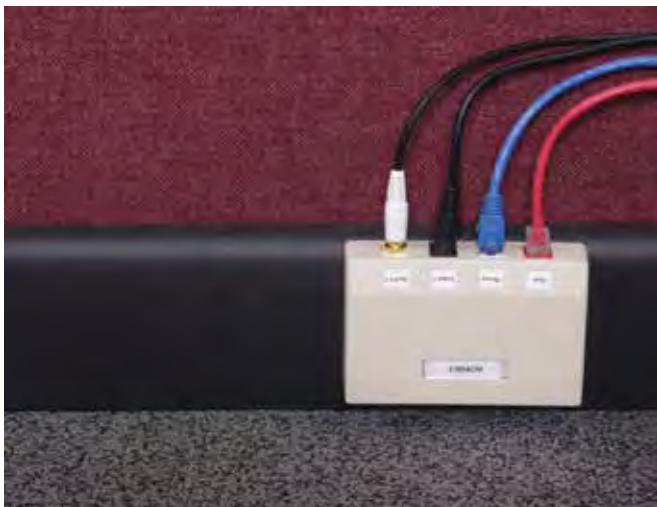
Non-Metallic Raceway Compatibility Chart

Series	PP	PL	PW	PB
ISB1	✓			✓*
ISB2	✓			✓*
ISB4	✓	✓	✓	✓*
ISB6	✓	✓	✓	✓*
ISB12	✓	✓	✓	✓*

*Use PB3REDA transition fitting

PP1 = PREMISETRAK Latching Raceway
PL1 = LANTRAK® Latching Raceway
PW2 = WALLTRAK® Latching Raceway
PB2 = BASETRAK® Non-Latching Raceway
PB3 = BASETRAK Non-Latching Raceway
PS3 = SUPER BASETRAK® Non-Latching Raceway

See section S for Raceway product information.

See color chart on page V12.

Specifications

- Multimedia compatible
- AMO Capacities
  - 12 Snap Fit connectors
  - 12 fibers (ST or SC)
  - 24 fibers (LC quad)
- UL94-V0

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AMO Base Unit Housing
AMO

BNC Adapter
AMOBBN10

Dual Jack Adapter
AMOB2J10

SC Duplex Adapter
AMOBSCD

ST-Style Adapter
AMOBST2

OFPPL Base Unit Housing
OFPPL

AMO Base Unit Housing

Office White

Description	Catalog No.
Housing with six (6) bracket locations, unloaded	**AMO**

AMO Adapter Brackets

Office White

Description	Catalog No.
ST-style adapter, phosphor bronze, 2 included	**AMOBST2**
Blank adapter, 10-pack	**AMOBL10**
Single jack adapter, 10-pack	**AMOBJ10**
Dual jack adapter, 10-pack	**AMOB2J10**
BNC adapter, ½" opening, 10-pack	**AMOBBN10**
F-style adapter, ³/₈" opening, 10-pack	**AMOBF10**
RCA solder-type adapter, ¼" opening, 10-pack	**AMOBRC10**
Blank for SC duplex or RC quad	**AMOBSCDBNK**

AMO Adapter Brackets, SC and LC

Description	Color	Catalog No.
SC duplex adapter, phosphor bronze	Office White/ Blue	**AMOBSCD**
LC quad adapter, phosphor bronze, blue	Office White/ Blue	**AMOLCQ**
Blank for SC duplex or RC quad	Office White	**AMOBSCDBNK**
SC duplex adapter, zirconia	Aqua	**AMOBSCDSAQ**
LC quad adapter, zirconia	Aqua	**AMOLCQSAQ**
	Beige	**AMOLCQSBE**

See color chart on page V12.

OFPPL Base Unit Housing and Bracket

Description	Catalog No.
Office white housing, cover and mounting accessories	**OFPPL**
OFP bracket with 2 ST couplers, phosphor bronze	**OFPBST2**
OFP bracket, blank, 10-pack	**OFPBB10**

Note: SC duplex and LC quad connectors mount directly to the OFPPL base.

Note: Minimum order quantities apply.
See pages F13–F16 for more Audio/Video connectors and bulk connector options.

COPPER | WORK AREA

Specifications

• Compatible with HJ, XJ and SF style AV and fiber connectors

c UL US

| UK, Shuttered EM6S | UK, Flat BPC12 | UK, Bevelled BPS11A | UK, Bevelled EBM1 | French, Dual Module EM42S |

UK-Style Modules

Shuttered, Unloaded 50 x 25mm	Shuttered, Unloaded 37 x 22.5mm (LJ6C)	Angled, Shuttered, Unloaded 50 x 25mm	Angled, Shuttered, Unloaded 37 x 22.5mm (LJ6C)	Blanking Plate 50 x 12.5mm	Blanking Plate 50 x 25mm
EM1S	**EM6S**	**EAM1S**	**EAM6S**	**EMB12**	**EMB25**

UK-Style Plates

Single Gang

	1-Port Plate, Unloaded	2-Port Plate, Unloaded	4-Port Plate
Flat	**BPS11**	**BPS12**	–
Bevelled	**BPS11A**	**BPS12A**	–
Flat	**BPC11**	**BPC12**	**BPC14**
Angled	**BPC11A**	**BPC12A**	–

UK-Style Frames

1-Gang, Bevelled 50 x 50mm	2-Gang, Bevelled 100 x 50mm	1-Gang, 50 x 50mm	2-Gang, 100 x 50mm
EBM1	**EBM2**	**EMBP1**	**EMBP2**

French-Style Modules

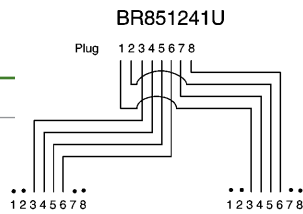| Single Module, Unloaded 45 x 45mm	Dual Module, Unloaded 45 x 45mm	Angled, Dual Module, Unloaded 45 x 45mm
EM41S	**EM42S**	**EM42SA**

Modular 851 Y
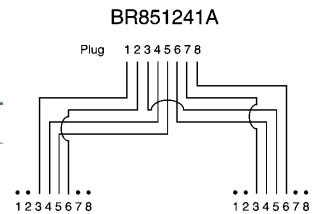adapter series

Splitting Y Adapters

Designed for connecting two pieces of voice, data or ancillary equipment to a USOC, RJ61 8-position jack.

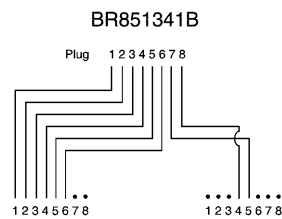Catalog No.   **BR851241U**

BR851241U

Converts a T568B wired RJ45 jack into two 2-pair jacks. Designed for connecting two pieces of voice, data or ancillary equipment.

Catalog No.   **BR851241A**

BR851241A

Converts a T568B wired RJ45 jack by splitting Pairs 1, 2, and 3 to first 6 positions of Jack 1, and Pair 4 to positions 4 and 5 of Jack 2.

Catalog No.   **BR851341B**

BR851341B

Converts a T568B wired RJ45 jack to (2) 10/100BASE-T wired RJ45 jacks. Pairs 2 and 3 are split to Jack 1, and Pairs 1 and 4 are split to Jack 2.

Catalog No.   **BR851D**
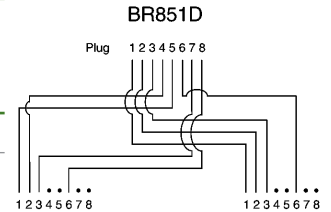
BR851D

Converts a T568B wired RJ45 jack to a voice wired application (Pairs 1 and 4) Jack 1, and a 10/100BASE-T application (Pairs 2 and 3) wired 8-position Jack 2.

Catalog No.   **BR851A**
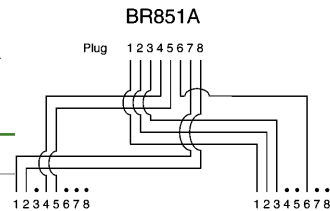
BR851A

Bridging Y Adapters

Provides a station solution and an option for a speaker, power failure ringer or an ancillary devise requiring the use of Pair 1.

Catalog No.   **BR851441**

BR851441
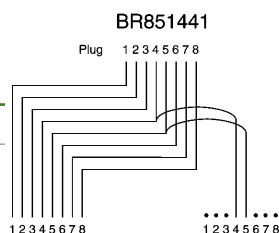
Provides (2) RJ45 4-pair jacks in a parallel wiring formation, providing two access points to the circuit, adding a common station or in a daisy chain application.

Catalog No.   **BR851B**

BR851B
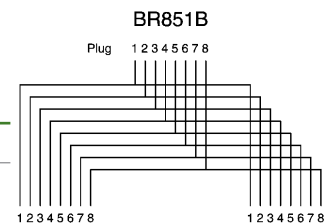
COPPER | Cross Connect

Hubbell's cross connect products lead the industry in innovation, efficiency and component performance. Hubbell's patch panels and blocks are designed to exceed current industry standards and provide a foundation for future applications.

COPPER | Cross Connect

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Performance
Zero-crosstalk contact structure provides the highest performance while maintaining true balance.

Specifications
- 4.5dB NEXT margin over TIA 568-C.2 component at 500MHz
- 1.5dB NEXT margin over ISO/IEC 11801 6_A component requirements at 500MHz
- Supports permanent links: 2–90 meters
- Enhanced common mode design eliminates residual and reflected NEXT and ANEXT
- Designed and tested for 1.5A of continuous current per pair

Standards/Listings/Verifications
- TIA-568-C.2 Category 6A component
- ISO/IEC 11801/60603-7-41 6_A component
- Third Party tested for TIA 568-C.2 requirements Component/Link/Channel
- Category 6A and ISO/IEC 11801 Class E_A
- Mechanical: Verified to TIA-568-C.2
- UL Listed 1863, UL 94 V-0 Flammability Rating ISO9001-2008 Manufacturing Process

Integrated Cable Management
Rear cable manager bars maintain termination integrity. They install with minimal cable disturbance and provide support required for large diameter 6A cables.

Identification
Integrated port and panel labeling, as well as port icon attachment, simplify TIA-606-B compliance.

Unified Design
Labeling, termination, and aesthetics shared across all performance categories, sizes, and configurations.

24-Port Patch Panel
HP6A24

48-Port Patch Panel, Angled
HP6A48A

24-Port Patch Panel
HP6A24W

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NEXTSPEED® Ascent Category 6A Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP6A24**
		3.50" (89)	48	2	**HP6A48**
		7.00" 178)	96	4	**HP6A96**
White	19" (483)	1.75" (45)	24	1	**HP6A24W**
		3.50" (89)	48	2	**HP6A48W**
		7.00" (178)	96	4	**HP6A96W**

Note: Versions without cable management bar available as HP6A24E and HP6A48E.

NEXTSPEED® Ascent Category 6A Angled Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP6A24A**
		3.50" (89)	48	2	**HP6A48A**

Note: HP6AxxA angled panel protrudes 4.46" from the plane of the rack. One extra inch of space is recommended between the door and panel angle.

NEXTSPEED® Ascent Category 6A Surface Mount Panel

Description	Catalog No.
12-port, Category 6A, universal, 89D	**HP6A12**

Rear Cable Management Bars

Type	Description	Catalog No.
19" Rack Mount	Cable management bar and screws	**CMBR**
	Cable management bar, straight, with screws	**ECMBRS**
	Cable management bar, 3" with screws	**ECMBR3**
	Cable management bar, 6" with screws	**ECMBR6**
HPW Panel Mount	Cable management bar	**HPRCMB**

Labels for NEXTSPEED® Ascent Category 6A Patch Panels

Description	Catalog No.
Printable front, 6-port, 4800-pack	**HPLBL4800**

Termination Caps

Description	Catalog No.
12-pack	**HPSC12**

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48-Port Patch Panel
HP648

48-Port Patch Panel, Rear View
HP648

48-Port Patch Panel, Angled
HP648A

NEXTSPEED® Category 6 Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP624**
		3.50" (89)	48	2	**HP648**
		7.00" (178)	96	4	**HP696**
White	19" (483)	1.75" (45)	24	1	**HP624W**
		3.50" (89)	48	2	**HP648W**
		7.00" (178)	96	4	**HP696W**

Note: Versions without cable management bar available as HP624E and HP648E.

NEXTSPEED® Category 6 Angled Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP624A**
		3.50" (89)	48	2	**HP648A**

Note: HP6xxA angled panel protrudes 4.46" from the plane of the rack. Hubbell recommends one (1) extra inch of space between the door and panel angle.

NEXTSPEED® Category 6 Component Surface Mount Panel

Description	Catalog No.
12-port, Category 6, universal, 89D	**HP612**

Rear Cable Management Bars

Type	Description	Catalog No.
19" Rack Mount	Cable management bar and screws	**CMBR**
	Cable management bar, straight, with screws	**ECMBRS**
	Cable management bar, 3" with screws	**ECMBR3**
	Cable management bar, 6" with screws	**ECMBR6**
HPW Panel Mount	Cable management bar	**HPRCMB**

Labels for NEXTSPEED® Ascent Category 6A Patch Panels

Description	Catalog No.
Printable front, 6-port, 4800-pack	**HPLBL4800**

Termination Caps

Description	Catalog No.
12-pack	**HPSC12**

NEXT**SPEED**
HUBBELL

24-Port Patch Panel
HP5E24

24-Port Patch Panel, Angled
HP5E24A

48-Port Patch Panel
HP5E48

NEXTSPEED® Category 5e Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP5E24**
		3.50" (89)	48	2	**HP5E48**
		7.00" (178)	96	4	**HP5E96**
White	19" (483)	1.75" (45)	24	1	**HP5E24W**
		3.50" (89)	48	2	**HP5E48W**
		7.00" (178)	96	4	**HP5E96W**

Note: Versions without cable management bar available as HP5E24E and HP5E48E.

NEXTSPEED® Category 5e Angled Patch Panels

Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Black	19" (483)	1.75" (45)	24	1	**HP5E24A**
		3.50" (89)	48	2	**HP5E48A**

Note: HP5ExxA angled panel protrudes 4.46" from the plane of the rack. Hubbell recommends one (1) extra inch of space between the door and panel angle.

Category 5e Component

Description	Catalog No.
12-port, Category 5e, universal, 89D	**HP5E12**

Rear Cable Management Bars

Type	Description	Catalog No.
19" Rack Mount	Cable management bar and screws	**CMBR**
	Cable management bar, straight, with screws	**ECMBRS**
	Cable management bar, 3" with screws	**ECMBR3**
	Cable management bar, 6" with screws	**ECMBR6**
HPW Panel Mount	Cable management bar	**HPRCMB**

Labels for NEXTSPEED® Ascent Category 6A Patch Panels

Description	Catalog No.
Printable front, 6-port, 4800-pack	**HPLBL4800**

Termination Caps

Description	Catalog No.
12-pack	**HPSC12**

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Capacity
Ideal solution where rack space is at an absolute premium, add-as-you-go flexibility, mixed jack performance, and color-coding are desired.

Specifications

c(UL)us

- High density form factor saves space in the datacenter
- Fits all Hubbell HXJ and HJ jacks
- Opens up rack real-estate
- Color coding: jacks are available in 14 different color offerings for distinctive color-coding

Specifications

- Panel material: cold rolled steel
- Durable, black powder coat finish

Standards/Listings/Verifications

- Complies with CEA-310-E rack mount standard
- UL Listed 1863

Durability
Metal rolled edge construction eliminates flex.

Keystone Design
Front- or rear-loading on HPJ Series simplifies installation, enables moves, adds and changes, and provides migration path.

Integration Labeling
Integrated label fields on HPJ Series accept office printable label strips.

Super HD Patch Panel, Angled
UDX48A1U

Front-Loading Patch Panel, Angled
HPJ48A

Shielded Patch Panel
HPJS24

UDX Super High-Density Panel

Type	Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Flat	Black	19" (483)	1.75" (45)	48	1	**UDX48E1U**
Angled	Black	19" (483)	1.75" (45)	48	1	**UDX48A1U**

Note: Only accepts HXJ/HJ6A jacks.

HPJ Multimedia Jack Panels, Unloaded

Type	Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Flat	Black	19" (483)	1.75" (45)	24	1	**HPJ24**
			3.50" (89)	48	2	**HPJ48**
			5.25" (133)	72	3	**HPJ72**
Angled	Black	19" (483)	1.75" (45)	24	1	**HPJ24A**
			3.50" (89)	48	2	**HPJ48A**
89D	Black	–	–	12	–	**HPJ1289***

*Pre-mounted on an 89D bracket.

Hubbell iSTATION Patch Panels, Front-Loading, Unloaded

Type	Opening Size	Width Inches (mm)	Height Inches (mm)	No. of Total Units	Catalog No.
Flat	3 Units	19" (483)	3.50" (89)	12-1 Unit Modules	**HPJ12IMU**

Note: Use only Hubbell iSTATION 1U modules. Complete listing of Hubbell iSTATION modules sold separately in this section.

Angled Blank Panels and Cover

Type	Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Angled	Black	19" (483)	1.75" (45)	Blank	1	**ABP175**
			3.50" (89)	Blank	2	**ABP350**
Cover	Black	–	–	–	–	**APC**

Shielded Patch Panels, Unloaded

Supplied with Cable Management Bar

Type	Color	Width Inches (mm)	Height Inches (mm)	Ports	Rack Units	Catalog No.
Flat	Black	19" (483)	1.75" (45)	24	1	**HPJS24**
	Black	19" (483)	3.50" (89)	48	2	**HPJS48**

Note: Shielded jacks sold separately; see page B4.

Rear Cable Management Bars

Description	Catalog No.
HPW panel mount for HPJ Series	**HPRCMB**
UDX panel mount	**RCMB**

Labels for HPJ Series Patch Panels

Description	Qty	Catalog No.
Printable labels, 6-port	4800-pack	**HPJLBL4800**
Replacement 6-port module and label holder for HPJ Series, Black	1	**HPJ6M**

Note: Not for HPJS Series

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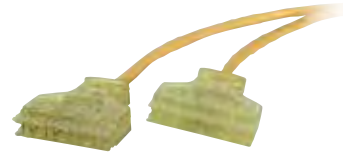
Field Termination Kit
6110FTK64WL

Termination Tool
6110MPPDT

Factory Terminated Patch Cords
6110PCL3

Field Termination Kits, 6-110

Description	Catalog No.
6-110/64-pair field termination kit with standoff legs	**6110FTK64WL**
6-110/64-pair field termination kit without standoff legs	**6110FTK64NL**
6-110/192-pair field termination kit with standoff legs	**6110FTK192WL**

Termination Tool, 6-110/4-Pair

Description	Catalog No.
Termination tool, 4-pair, 6-110 (includes head and blades)	**6110MPPDT**
Replacement tool head, 6-110 (includes blades)	**6110MPPDT1**

Note: 6-110 tool is not compatible with 1-punch termination tool.

Field Terminated Patch Plugs

Includes (1) patch plug base, (1) patch plug cover, and (1) cable tie

Description	Catalog No.
Category 6, 6-110, 4-pair, yellow	**6110FPP4PR**

Factory Terminated Patch Cords

Color: Yellow

Length	6-110 to 6-110	6-110 to RJ45 (T568B)
3'	**6110PCL3**	**6119PCL3**
5'	**6110PCL5**	**6119PCL5**
7'	**6110PCL7**	**6119PCL7**
9'	**6110PCL9**	**6119PCL9**
12'	**6110PCL12**	**6119PCL12**

Connecting Blocks, 6-110/4-Pair

Description	Catalog No.
Connecting blocks, 6-110/4-pair	**6110CB4PR10**

Hubbell Labeling Solutions, Cross Connect, 6-110/110

The Hubbell labeling solution 110 laser-printable label sheets and covers can be mounted between each wiring channel to identify individual station ports or pair counts.

Description	Color	Catalog No.
Laser-printable label sheets, 10-pack	White	**XPL11010W**
	Yellow	**XPL11010Y**
	Blue	**XPL11010B**

110 Wiring Blocks
110BLKxxBWL

110/100-Pair, 4-Pair Blocks
Field Termination Kit
110BLK100FTK4

Field Termination Patch Plugs
110FPP4PR

Wiring Blocks, 110

With removable standoff legs

Description	Catalog No.
110/50-pair	**110BLK50BWL**
110/100-pair	**110BLK100BWL**
110/300-pair	**110BLK300BWL**

Field Termination Kits, 110

Description	With	Catalog No.
110/50-pair	4-pair blocks	**110BLK50FTK4**
	5-pair blocks	**110BLK50FTK5**
110/100-pair	4-pair blocks	**110BLK100FTK4**
	5-pair blocks	**110BLK100FTK5**
110/300-pair	4-pair blocks	**110BLK300FTK4**
	5-pair blocks	**110BLK300FTK5**

Termination Tool, 110/5-Pair

Designed to seat 110 connecting blocks and terminate and cut UTP cable on 110 wiring blocks

Description	Catalog No
Termination tool, includes head and blades	**T5PPD110**

Field Terminated Patch Plugs

Includes (1) patch plug base, (1) patch plug cover, (1) cable tie

Description	Catalog No.
Category 5e, 110, 4-pair, gray	**110FPP4PR**

Factory Terminated Patch Cords

Color: Yellow

Length	110 to 110	110 to RJ45 (T568B)
3'	**PC110C5EL3**	**PC119C5EL3**
5'	**PC110C5EL5**	**PC119C5EL5**
7'	**PC110C5EL7**	**PC119C5EL7**
9'	**PC110C5EL9**	**PC119C5EL9**
12'	**PC110C5EL12**	**PC119C5EL12**

Connecting Blocks, 110

110 connecting blocks are terminated to the 110 wiring blocks using the 110/5-pair termination tool; available in 4- and 5-pair sizes

Description	Catalog No
110/4-pair, 10-pack	**110CB4PR10**
110/5-pair, 10-pack	**110CB5PR10**

Hubbell Labeling Solutions, Cross Connect, 6-110/110

The Hubbell labeling solution 110 laser-printable label sheets and covers can be mounted between each wiring channel to identify individual station ports or pair counts.

Description	Color	Catalog No.
Laser-printable label sheets, 10-pack	White	**XPL11010W**
	Yellow	**XPL11010Y**
	Blue	**XPL11010B**

Rack Mount Kit, 6-110
6110RMI

Rack Mount Kit, 110
110RMxx

Rack Mount Kit, 110
110RMxxNT

Rack Mount Kits, 6-110

Category 6

Pairs	Rack Units	Troughs	Catalog No.
128-pair	3U	With	**6110RM1**
	2U	Without	**6110RM1NT**

Rack Mount Kits, 110

Category 5e, with cable management

Pairs	Rack Units	Connecting Blocks	Catalog No.
100-pair	2U	4-pair	**110RM14**
		5-pair	**110RM15**
200-pair	3U	4-pair	**110RM24**
		5-pair	**110RM25**

Category 5e, without cable management

Pairs	Rack Units	Connecting Blocks	Catalog No.
100-pair	1U	4-pair	**110RM14NT**
		5-pair	**110RM15NT**
200-pair	2U	4-pair	**110RM24NT**
		5-pair	**110RM25NT**

Cable Management Trough with Legs
110TRA

Cable Management Trough without Legs
110TRB

Wall Mount Kits, 6-110/110

Kit Contents/Quantities:

6-110 Kit	110 Kit	Item
1	1	Wall mount tower frame
1	1	Bottom cable trough
3	–	6-110/64-pair wiring blocks without legs
–	3	100-pair wiring blocks without legs
48	–	6-110/4-pair connecting blocks
–	60	110/4-pair connecting blocks
–	12	110/5-pair connecting blocks
3	3	Cable management troughs without legs
6	6	Clear label holders
6	6	White paper designation strips

Category 6 Kit

Description	Catalog No.
6-110/192-pair	**6110WMK**

Category 5e Kit

Description	Catalog No.
110/300-pair	**110WMK**

Cable Management Troughs

Description	Catalog No.
With legs	**110TRA**
Without legs	**110TRB**

66M Modular 66
HPW66M150

66B Modular 66
HPW66B16

12-Port Block
BR258066A

Backboard
HPW66BB

89D Bracket
HPW89D

Modular 66 Cross Connect Blocks, 66M

Description	Block Size	Capacity	Catalog No.
66M block, Category 5 with cover	4 x 50	50-pair	**HPW66M150C5**
66M block	4 x 25	25-pair	**HPW66M125**
	4 x 50	50-pair	**HPW66M150**
66M cover	–	–	**HPW66MCVR**

Modular 66 Cross Connect Blocks, 66B

Description	Block Size	Capacity	Catalog No.
66B block, split (3x), with cover	6 x 6	6-pair	**HPW66B36**
66B block cover for HPW66B 425 + 350	–	–	**HPW66BCVR**
66M block	6 x 12	6-pair	**HPW66B16**
66B block 25-pair, split (4x)	6 x 50	25-pair	**HPW66B425**
66B block 50-pair, split (4x)	6 x 50	50-pair	**HPW66B350**

12- and 16-Port Blocks

Description	Capacity	Wiring	Jack Openings	Catalog No.
Modular 66 block	50-pair	T568B	12-8 pos. jacks	**BR258066A**
		USOC-RJ25	16-6 pos. jacks	**BR256066A**

Modular 66 Cross Connect Block Accessories

Description	Catalog No.
Cable routing spool without screw	**HPW66SPLA**
Cable routing spool with screw	**HPW66SPLB**
89B bracket (use to mount 66M series blocks)	**HPW89B**
89D bracket (use to mount 66M series blocks)	**HPW89D**
Backboard (blue, for 89D and 89B brackets); includes (2) 89B brackets as shown	**HPW66BB**
66B bracket (use to mount 66B series blocks)	**HPW66BBRKT**
Bridging clip (0.5" x 0.25"); 100-pack	**HPW66BC100**

COPPER | Assemblies

Hubbell cable assemblies are manufactured with top quality components and are tuned with Hubbell jacks, patch panels and cable, creating a superior end-to-end system. Hubbell Patch Cords are constructed with high performance patch cable and are 100% performance tested, assuring the highest quality, most reliable patch cord in the industry.
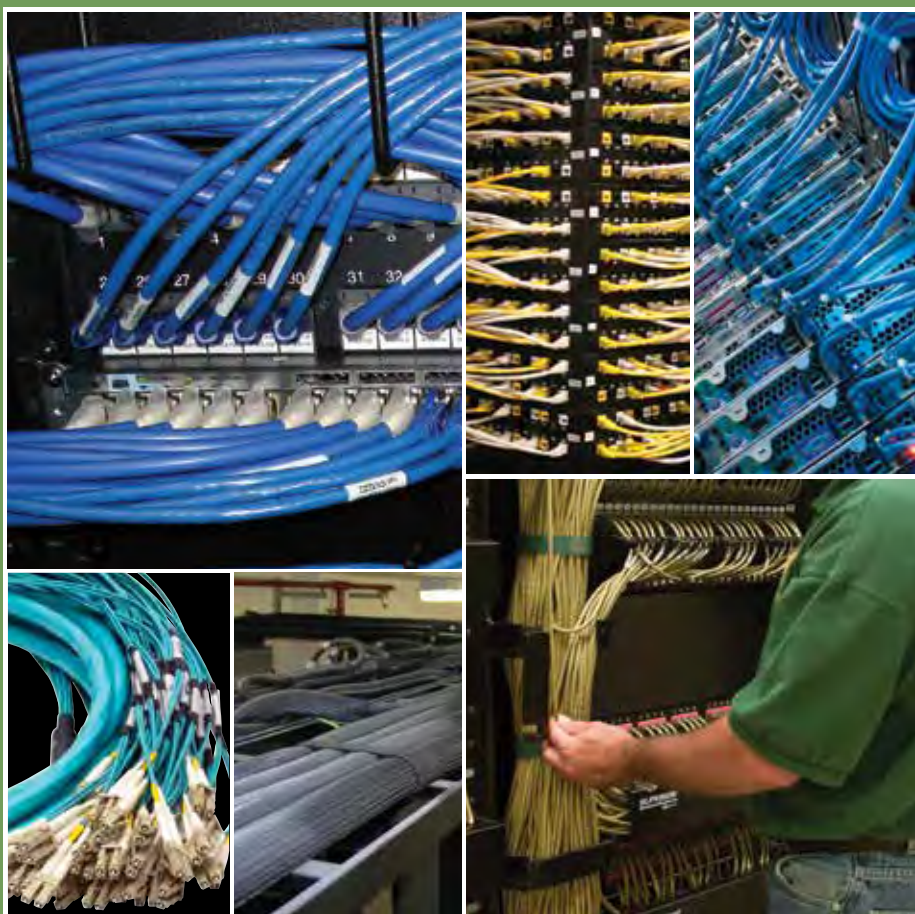
COPPER | Assemblies

COPPER | ASSEMBLIES

Environmental
• Provides exact lengths and number of connections needed per application
• Eliminate unwanted cable and packaging on the job site

Strain Relief
Locking IDC stuffer cap provides superior strain relief

Performance
Qualified for 10 Gigabit Ethernet transmission IEEE 802.3an

Standards
• ANSI/TIA-568-C.2 Category 6A component compliant
• ISO 11801 Class D, E and E_A compliant (Category 6A)
• Qualified for PoE+ IEEE 802.3bt
• UL Listed 1863

Reliability
100% factory tested in a controlled environment

BIDnet Pre-Terminated Copper Trunk Assemblies are the ideal solution for data centers, open office and other applications where accuracy, reliability and performance are the most important factors. BIDnet assemblies provide simplicity for permanent links between switches, servers, patch panels, MUTOAs and zone distribution areas, enabling effortless moves, adds and changes to the infrastructure.

Jack to Open

Jack to Jack

Jack to Plug

All BIDnet Pre-Terminated Cable Assemblies are made-to-order items. Please call our Inside Sales team for lead-time and availability.
See page H6 for fiber assemblies.

Specifications

Jacks	Plugs	Available Options	
• Nose contact material: beryllium copper with precious metal plating over nickel under-plating	• Mechanical: cable to plug tensile strength: 20+lb Mating cycles: 2000+	• Lengths:	10 to 295 feet
• Contact performance: confirmed over the full range of TIA plug deflection limits	• Material: Plug body: polycarbonate UL 94-V0 Plug boot: PVC	• Legs: • Category: • Connection:	1, 4, 6, 8 and 12 5e, 6 and 6A RJ45 jack; RJ45 plug; open end
	• Contact: high strength copper alloy Plating: 50 micro-inch precious metal over 100 micro-inch under-plating	• Cable: • UTP: • FTP: • Color:	Plenum, riser and LSZH Category 5e, 6 and 6A Category 6A (10GbE) Blue and white

HC6AB01

PC6AGY03

NEXTSPEED® Ascent Category 6A Patch Cords

Length	Black	Blue	Green	Orange	Pink
1'	HC6ABK01	HC6AB01	HC6AGN01	HC6AOR01	HC6APK01
3'	HC6ABK03	HC6AB03	HC6AGN03	HC6AOR03	HC6APK03
5'	HC6ABK05	HC6AB05	HC6AGN05	HC6AOR05	HC6APK05
7'	HC6ABK07	HC6AB07	HC6AGN07	HC6AOR07	HC6APK07
10'	HC6ABK10	HC6AB10	HC6AGN10	HC6AOR10	HC6APK10
15'	HC6ABK15	HC6AB15	HC6AGN15	HC6AOR15	HC6APK15
20'	HC6ABK20	HC6AB20	HC6AGN20	HC6AOR20	HC6APK20
25'	HC6ABK25	HC6AB25	HC6AGN25	HC6AOR25	HC6APK25

Length	Purple	Red	White	Yellow
1'	HC6AP01	HC6AR01	HC6AW01	HC6AY01
3'	HC6AP03	HC6AR03	HC6AW03	HC6AY03
5'	HC6AP05	HC6AR05	HC6AW05	HC6AY05
7'	HC6AP07	HC6AR07	HC6AW07	HC6AY07
10'	HC6AP10	HC6AR10	HC6AW10	HC6AY10
15'	HC6AP15	HC6AR15	HC6AW15	HC6AY15
20'	HC6AP20	HC6AR20	HC6AW20	HC6AY20
25'	HC6AP25	HC6AR25	HC6AW25	HC6AY25

Made-to-order lengths are available from 30ft to 100ft in 5ft increments.

NEXTSPEED® Ascent Low Diameter Category 6A Patch Cords

O.D. = 0.186"

Length	Black	Blue	Gray	White
1'	HCL6ABK01	HCL6AB01	HCL6AGY01	HCL6AW01
3'	HCL6ABK03	HCL6AB03	HCL6AGY03	HCL6AW03
5'	HCL6ABK05	HCL6AB05	HCL6AGY05	HCL6AW05
7'	HCL6ABK07	HCL6AB07	HCL6AGY07	HCL6AW07
10'	HCL6ABK10	HCL6AB10	HCL6AGY10	HCL6AW10
15'	HCL6ABK15	HCL6AB15	HCL6AGY15	HCL6AW15
20'	HCL6ABK20	HCL6AB20	HCL6AGY20	HCL6AW20
25'	HCL6ABK25	HCL6AB25	HCL6AGY25	HCL6AW25
30'	HCL6ABK30	HCL6AB30	HCL6AGY30	HCL6AW30

NEXTSPEED® Ascent Shielded Category 6A Patch Cords

Length	Black	Blue	Gray	Yellow
3'	PC6ABK03	PC6AB03	PC6AGY03	PC6AY03
5'	PC6ABK05	PC6AB05	PC6AGY05	PC6AY05
7'	PC6ABK07	PC6AB07	PC6AGY07	PC6AY07
10'	PC6ABK10	PC6AB10	PC6AGY10	PC6AY10
15'	PC6ABK15	PC6AB15	PC6AGY15	PC6AY15
20'	PC6ABK20	PC6AB20	PC6AGY20	PC6AY20
25'	PC6ABK25	PC6AB25	PC6AGY25	PC6AY25

Made-to-order lengths are available from 30ft to 75ft in 5ft increments.

Note: Specification sheets are available for these products online. Type the part number into the search box.

COPPER | ASSEMBLIES

Specifications

Cable construction:
- Standard Conductor: 24AWG UTP
- Low Diameter Conductor: 28AWG UTP
- Jacket: flame-retardant PVC – CM rated

Standards

- TIA-568-C.2 Category 5e and 6 component compliant
- UL Listed 1863

NEXTSPEED® Category 6 Patch Cords

Length	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1'	HC6BK01	HC6B01	HC6GY01	HC6GN01	HC6OR01	HC6P01	HC6R01	HC6W01	HC6Y01
3'	HC6BK03	HC6B03	HC6GY03	HC6GN03	HC6OR03	HC6P03	HC6R03	HC6W03	HC6Y03
5'	HC6BK05	HC6B05	HC6GY05	HC6GN05	HC6OR05	HC6P05	HC6R05	HC6W05	HC6Y05
7'	HC6BK07	HC6B07	HC6GY07	HC6GN07	HC6OR07	HC6P07	HC6R07	HC6W07	HC6Y07
10'	HC6BK10	HC6B10	HC6GY10	HC6GN10	HC6OR10	HC6P10	HC6R10	HC6W10	HC6Y10
15'	HC6BK15	HC6B15	HC6GY15	HC6GN15	HC6OR15	HC6P15	HC6R15	HC6W15	HC6Y15
20'	HC6BK20	HC6B20	HC6GY20	HC6GN20	HC6OR20	HC6P20	HC6R20	HC6W20	HC6Y20
25'	HC6BK25	HC6B25	HC6GY25	HC6GN25	HC6OR25	HC6P25	HC6R25	HC6W25	HC6Y25

Made-to-order lengths are available from 30ft to 100ft in 5ft increments.

NEXTSPEED® Category 6 Patch Cords with SecureIT™ Boot

Length	Black	Blue	Yellow
1'	HC6BK01SP	HC6B01SP	HC6Y01SP
3'	HC6BK03SP	HC6B03SP	HC6Y03SP
5'	HC6BK05SP	HC6B05SP	HC6Y05SP
7'	HC6BK07SP	HC6B07SP	HC6Y07SP
10'	HC6BK10SP	HC6B10SP	HC6Y10SP
15'	HC6BK15SP	HC6B15SP	HC6Y15SP
20'	HC6BK20SP	HC6B20SP	HC6Y20SP
25'	HC6BK25SP	HC6B25SP	HC6Y25SP

Made-to-order lengths are available from 30ft to 100ft in 5ft increments.

NEXTSPEED® Low Diameter Category 6 Patch Cords

O.D. = 0.155"

Length	Black	Blue	Gray	White
1'	HCL6BK01	HCL6B01	HCL6GY01	HCL6W01
3'	HCL6BK03	HCL6B03	HCL6GY03	HCL6W03
5'	HCL6BK05	HCL6B05	HCL6GY05	HCL6W05
7'	HCL6BK07	HCL6B07	HCL6GY07	HCL6W07
10'	HCL6BK10	HCL6B10	HCL6GY10	HCL6W10
15'	HCL6BK15	HCL6B15	HCL6GY15	HCL6W15
20'	HCL6BK20	HCL6B20	HCL6GY20	HCL6W20
25'	HCL6BK25	HCL6B25	HCL6GY25	HCL6W25
30'	HCL6BK30	HCL6B30	HCL6GY30	HCL6W30

NEXTSPEED® Shielded Category 6 Patch Cords

Length	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
3'	PS6BK03	PS6B03	PS6GY03	PS6GN03	PS6OR03	PS6P03	PS6R03	PS6W03	PS6Y03
5'	PS6BK05	PS6B05	PS6GY05	PS6GN05	PS6OR05	PS6P05	PS6R05	PS6W05	PS6Y05
7'	PS6BK07	PS6B07	PS6GY07	PS6GN07	PS6OR07	PS6P07	PS6R07	PS6W07	PS6Y07
10'	PS6BK10	PS6B10	PS6GY10	PS6GN10	PS6OR10	PS6P10	PS6R10	PS6W10	PS6Y10
15'	PS6BK15	PS6B15	PS6GY15	PS6GN15	PS6OR15	PS6P15	PS6R15	PS6W15	PS6Y15
20'	PS6BK20	PS6B20	PS6GY20	PS6GN20	PS6OR20	PS6P20	PS6R20	PS6W20	PS6Y20
25'	PS6BK25	PS6B25	PS6GY25	PS6GN25	PS6OR25	PS6P25	PS6R25	PS6W25	PS6Y25

Made-to-order lengths are available from 30ft to 100ft in 5ft increments.

NEXTSPEED® Category 5e Patch Cords

Length	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1'	HC5EBK01	HC5EB01	HC5EGY01	HC5EGN01	HC5EOR01	HC5EP01	HC5ER01	HC5EW01	HC5EY01
3'	HC5EBK03	HC5EB03	HC5EGY03	HC5EGN03	HC5EOR03	HC5EP03	HC5ER03	HC5EW03	HC5EY03
5'	HC5EBK05	HC5EB05	HC5EGY05	HC5EGN05	HC5EOR05	HC5EP05	HC5ER05	HC5EW05	HC5EY05
7'	HC5EBK07	HC5EB07	HC5EGY07	HC5EGN07	HC5EOR07	HC5EP07	HC5ER07	HC5EW07	HC5EY07
10'	HC5EBK10	HC5EB10	HC5EGY10	HC5EGN10	HC5EOR10	HC5EP10	HC5ER10	HC5EW10	HC5EY10
15'	HC5EBK15	HC5EB15	HC5EGY15	HC5EGN15	HC5EOR15	HC5EP15	HC5ER15	HC5EW15	HC5EY15
20'	HC5EBK20	HC5EB20	HC5EGY20	HC5EGN20	HC5EOR20	HC5EP20	HC5ER20	HC5EW20	HC5EY20
25'	HC5EBK25	HC5EB25	HC5EGY25	HC5EGN25	HC5EOR25	HC5EP25	HC5ER25	HC5EW25	HC5EY25

Made-to-order lengths are available from 30ft to 100ft in 5ft increments.

Note: Specification sheets are available for these products online. Type the part number into the search box.

The Hubbell *Assemble-to-Order* cable assembly program delivers custom copper and fiber assemblies within a short period of time. Knowing that every job and every application is different, we offer custom lengths, configurations and colors to fit any application.

Whether the application is Category 5e or 6A, 25-pair, or multi-configured fiber trunk cables, Hubbell can satisfy custom cable assembly needs. Please call our Inside Sales team for lead-time and availability. Minimum order quantities apply.

Copper Patch Cords

- Pre-terminated copper trunk assemblies
- Category 5e, 6 and 6A
- Solid or stranded cable
- Single or double-ended
- Custom lengths
- Custom configurations
- Booted/non-booted
- Snagless or regular plug style
- 11 different colors

110 and 25-Pair

- Custom lengths
- Custom wiring
- Over molded
- Single- or double-ended

Audio/Video

- X-END customs
- HD-15 SVGA style
- S-video
- BNC
- RCA
- 3.5mm

Fiber Cords

- Trunk cables, multi-fiber cable
- Simplex
- Duplex
- Pigtails
- Singlemode
- Multimode
- MTP/MTO assemblies
- LC
- SC
- ST-style
- FC
- MT-RJ
- Angle polish
- Custom lengths

COPPER | Cable

Hubbell UTP and FTP cables are specifically designed and balanced to provide a high-performance, end-to-end system. All cables are specifically designed to meet performance and budget needs while extending the life span of the infrastructure.
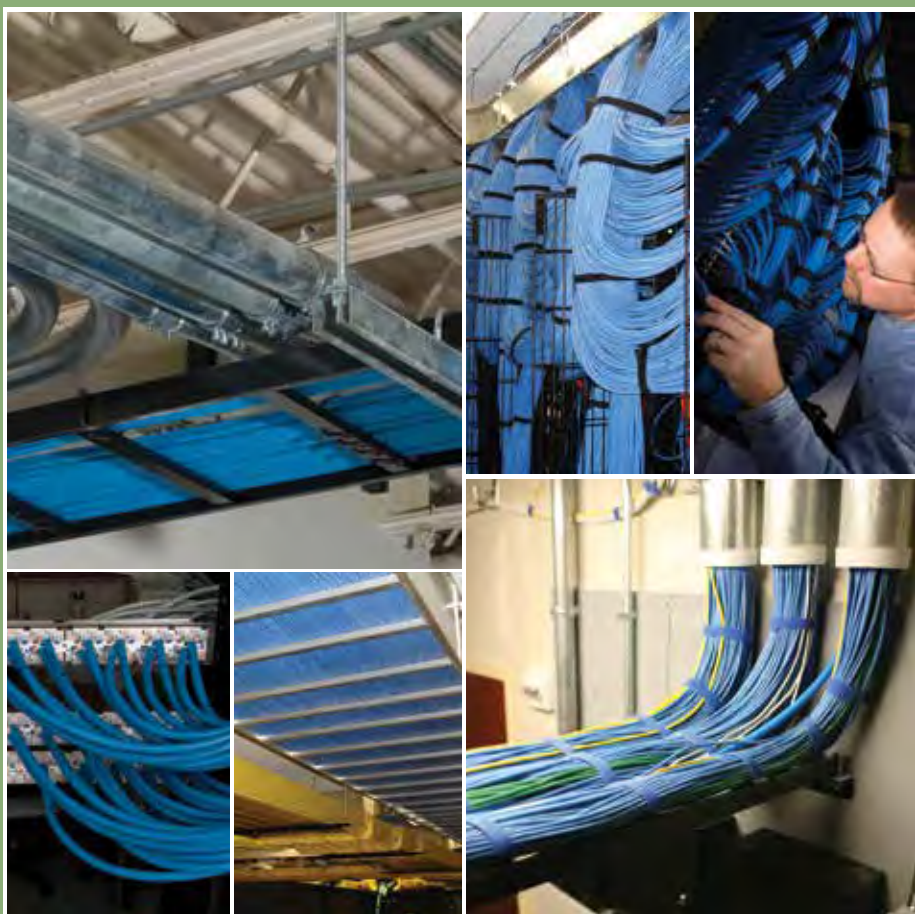
COPPER | Cable

COPPER | CABLE

Patented cable design suppresses alien crosstalk delivering full 10GBase-T error free transmission.
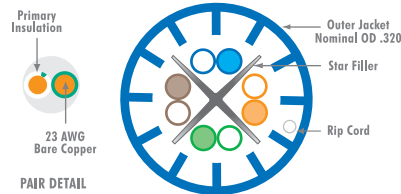

Cat6A UTP
C6ASPB

Specifications

- Application: third party qualified for 10 Gigabit Ethernet transmission IEEE 802.3an
- Current capacity: qualified for PoE+ IEEE 802.3at
- NVP: plenum: 71%; riser: 68%

Standards

- UL Verified TIA-568-C.2 Category 6A cable
- ISO 11801 Class E_A Category 6A cable
- UL Listed

NEXTSPEED® Ascent Category 6A UTP Cable

4-pair

Color	Plenum Spool	Riser Spool
Blue	**C6ASPB**	**C6ASRB**
Gray	**C6ASPGY**	**C6ASRGY**
White	**C6ASPW**	**C6ASRW**
Yellow	**C6ASPY**	**C6ASRY**

CABLE CONSTRUCTION

Primary Insulation
23 AWG Bare Copper
PAIR DETAIL

Outer Jacket Nominal OD .320
Star Filler
Rip Cord
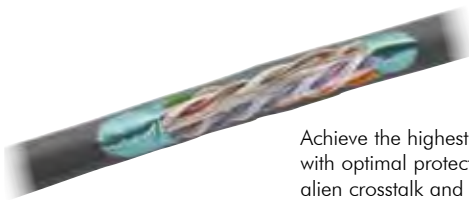
Achieve the highest level of reliability with optimal protection against alien crosstalk and other external noise sources.

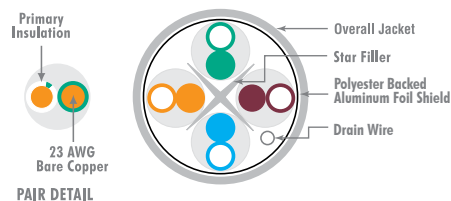Cat6A FTP
C6AFTPSPW

Specifications

- Application: third party qualified for 10 Gigabit Ethernet transmission IEEE 802.3an
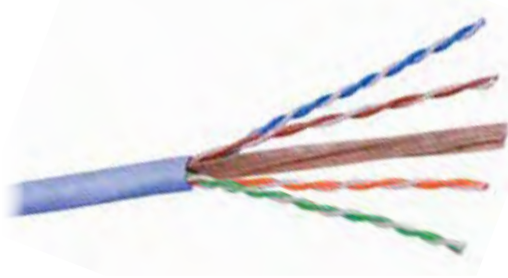- Current capacity: qualified for PoE+ IEEE 802.3at
- NVP: plenum: 70%; riser: 68%

Standards

- UL Verified TIA-568-C.2 Category 6A cable
- ISO 11801 Class E_A Category 6A cable
- UL Listed

NEXTSPEED® Ascent Category 6A FTP Cable

4-pair

Color	Plenum Spool	Riser Spool
Blue	**C6AFTPSPB**	**C6AFTPSRB**
Gray	**C6AFTPSPGY**	**C6AFTPSRGY**
White	**C6AFTPSPW**	**C6AFTPSRW**
Yellow	**C6AFTPSPY**	**C6AFTPSRY**

CABLE CONSTRUCTION

Primary Insulation
23 AWG Bare Copper
PAIR DETAIL

Overall Jacket
Star Filler
Polyester Backed Aluminum Foil Shield
Drain Wire

Note: All category rated cable is packaged in 1000 foot quantities. Made-to-order colors available.

NEXTSPEED

Standards

- UL Verified 568-C.2 Category 6 compliant
- ISO 11801 Class E Category 6
- UL Listed

Cat6 Enhanced UTP
C6ESPY

Cat6 UTP
C6RPEB

Link 6 UTP
C6RPEGY

NEXTSPEED® Category 6E Enhanced UTP Cable

4-pair; NVP: Plenum 70%, Riser 68%

Color	Plenum Spool	Riser Spool
Blue	**C6ESPB**	**C6ESRB**
Gray	**C6ESPGY**	**C6ESRGY**
White	**C6ESPW**	**C6ESRW**
Yellow	**C6ESPY**	**C6ESRY**

NEXTSPEED® Category 6 UTP Cable

4-pair; NVP: Plenum 70%, Riser 68%

Color	REELEX® Plenum Box	REELEX® Riser Box
Blue	**C6RPB**	**C6RRB**
Gray	**C6RPGY**	**C6RRGY**
White	**C6RPW**	**C6RRW**
Yellow	**C6RPY**	**C6RRY**

NEXTSPEED® Link 6 UTP Cable

4-pair; NVP: Plenum 70%, Riser 68%

Color	REELEX® Plenum Box	REELEX® Riser Box
Blue	**C6RPEB**	**C6RREB**
Gray	**C6RPEGY**	**C6RREGY**
White	**C6RPEW**	**C6RREW**
Yellow	**C6RPEY**	**C6RREY**

NEXTSPEED® Category 6 OSP Outdoor Cable

4-pair; NVP: 63%

Color	Spool
Black	**C6SOPBK**

Cat5e UTP
C5EPRPB

Cat5e UTP
C5ERRGY

NEXTSPEED® Category 5e UTP Cable

4-pair; NVP: Plenum 70%, Riser 68%

Color	REELEX® Plenum Box	REELEX® Riser Box
Blue	**C5EPRPB**	**C5EPRRB**
Gray	**C5EPRPGY**	**C5EPRRGY**
White	**C5EPRPW**	**C5EPRRW**
Yellow	**C5EPRPY**	**C5EPRRY**

Category 5e UTP Cable

4-pair; NVP: Plenum 70%, Riser 68%

| Color	REELEX® Plenum Box	REELEX® Riser Box
Blue	**C5ERPB**	**C5ERRB**
Gray	**C5ERPGY**	**C5ERRGY**
White	**C5ERPW**	**C5ERRW**
Yellow	**C5ERPY**	**C5ERRY**

Note: All category rated cable is packaged in 1000 foot quantities. Made-to-order colors available.

REELEX® is licensed and patented by Windings Inc.

Audio/Video

Hubbell iSTATION products provide a consistent and practical solution for delivering all types of connections. The Hubbell iSTATION system enables convergence by locating AV solutions where you need them, from the floor to the ceiling, or the wall to the furniture. The Hubbell iSTATION approach makes adding a connection effortless while maintaining a clean, uniform look.
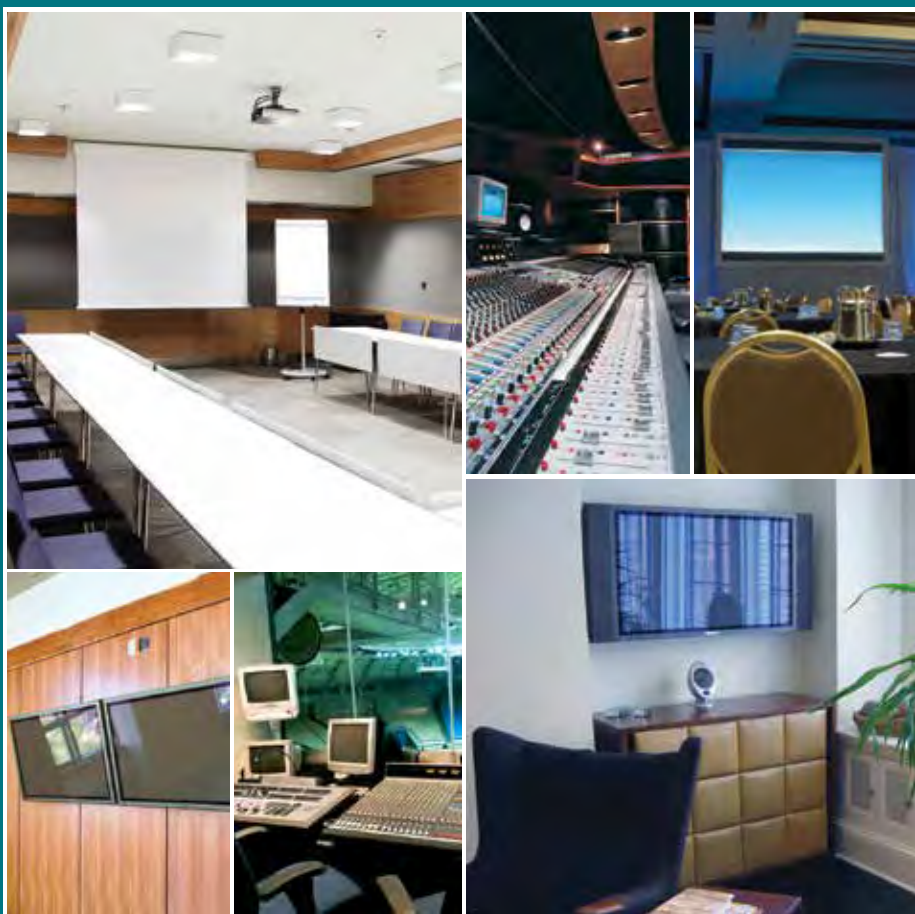
Audio/Video

AUDIO/VIDEO

Extensive Voice, Data and AV Applications

On the Wall

Plates and Frames
Refer to Sections B, C and F

In the Wall

Flat Panel/White Board
Enclosures
Refer to Section U

On the Furniture

Furniture Plates
Refer to Section B

In the Furniture

Table Top Boxes
Refer to Section R

On the Floor

Floor Boxes
Refer to Section R

In the Floor

Fire-Rated Poke-Throughs
Refer to Section R

On the Surface

Metallic and Non-metallic
Raceway
Refer to Section S

On the Surface

Surface Mount Boxes
Refer to Section B

On the Rack

UDX Modular Panels
Refer to Sections K and N

In the Cabinet

UDX Modular Panels
Refer to Section O

In the Ceiling

Multimedia Enclosures
Refer to Section N

HUBBELL ® Premise Wiring

Long Range HDMI, IR, USB, RS232 Extender

Termination
Quick, reliable 110 punch down termination

4K UHD Extension
Supports high resolution displays up to 328 feet (100m) away from the source equipment

Features

- Locating a display device up to 328 feet (100m) away is as simple as pulling one UTP cable to a drop
- Terminate with one Category 6A, 6 or 5e UTP or shielded, plenum or non-plenum cable
- Supplied as a kit with both Source and Display modules
- HDBaseT™ for HDMI AV

Standard Opening
Decorator or Hubbell iSTATION snap-in

Standards

- Listed UL 1863
- USB 1.1
- HDMI
- RoHS compliant

In-Wall AV Power Supply

Rear 5V DC Leads
Powers AV components in the wall for a clean, professional appearance

Integrated Power Supply
Switchable 5V DC 3A power supports multiple devices

Specifications

- Electrical ratings: 15A, 125V AC
- Input voltage: 125V AC, 60Hz
- Output voltage: 3A, 5V DC
- Circuit feed-through 20A, 125V

Standards

- cULus listed to UL498 and UL1310
- USB 1.1, 2.0, 3.0

USB Charging Port
Charging convenience and device power; green LED power indicator

HDBaseT is a trademark of the HDBaseT Alliance.

AUDIO/VIDEO

Specifications

- Punch down 110 style termination
- Connectors: HDMI 19-pin, Type A, female connector, gold plated $2\mu''$
- IDC Contact: phosphor bronze with tin plating over nickel under plating
- Material: high impact thermoplastic

c(UL)us

HDBaseT™ Module
IMHDBT3OW

HDMI 110 UTP Extender
ISFH110W

AV Power Source
AVPS15W

USB Extenders
IMU11015OW

HDMI Patch Cords
HDPC03BK

HDBaseT™ Frames and Modules

HDMI, USB, RS232, IR extender, 5V DC, single 4-pair UTP cable installation, up to 328ft (100m)

Color	Decorator	3 Unit Module
Black	**ISFHDBT3BK**	**IMHDBT3BK**
Ivory	**ISFHDBT3EI**	**IMHDBT3EI**
Gray	**ISFHDBT3GY**	**IMHDBT3GY**
Office White	**ISFHDBT3OW**	**IMHDBT3OW**
White	**ISFHDBT3W**	**IMHDBT3W**

Note: Product consists of send and receive pair.

HDMI 110 UTP Extenders

(2) 4-pair UTP cable installation, 5V DC, up to 147ft (45m)

Color	Decorator	2 Unit Module
Black	**ISFH110BK**	**IMH110ST2BK**
Ivory	**ISFH110EI**	**IMH110ST2EI**
Gray	**ISFH110GY**	**IMH110ST2GY**
Office White	**ISFH110OW**	**IMH110ST2OW**
White	**ISFH110W**	**IMH110ST2W**

Note: Product consists of send and receive pair.

Tamper-Resistant Receptacle with 5V DC Power Output

Description	Color	Catalog No.
USB charger TR receptacle, (1) USB port 3A, 5V DC output, 15A, 125V AC decorator duplex	Black	**AVPS15BK**
	Ivory	**AVPS15I**
	Gray	**AVPS15GY**
	Office White	**AVPS15LA**
	White	**AVPS15W**

USB 2.0 High Speed 110 Extenders, 100ft

Description	Color	1.5 Unit Module
4-pair UTP cable installation, up to 100ft (305m)	Black	**IMU11015BK**
	Ivory	**IMU11015EI**
	Gray	**IMU11015GY**
	Office White	**IMU11015OW**
	White	**IMU11015W**

Note: Product consists of send and receive pair.

HDMI Non-Active Horizontal Patch Cords

24AWG, black, non-plenum

Description	Catalog No.
3 foot	**HDPC03BK**
6 foot	**HDPC06BK**

Infrared Emitter and Receiver Kit

Catalog No.	**AVIR**

HDBaseT is a trademark of the HDBaseT Alliance.
See color chart on page V12. Modules and frames are featured on pages F9–F10.

RCA Component,
L/R Audio
IMCAR11015OW

RCA Composite,
L/R Audio
IMR1101OW

VGA and 3.5mm
HD AV Extender
IM15311015OW

Stereo Jack,
3.5mm to 110 Termination
SF35110BK

S-Video to
110 Termination
SFSV110BK

RCA Component with Audio 110 Audio/Video Modules

Extend up to 100ft (30.5m) over (2) 4-pair UTP cables, 1.5 unit

Color	RCA Component Video, Left/Right Audio	RCA Component Video, 3.5mm Audio
Black	**IMCAR11015BK**	**IMC3511015BK**
Ivory	**IMCAR11015EI**	**IMC3511015EI**
Gray	**IMCAR11015GY**	**IMC3511015GY**
Office White	**IMCAR11015OW**	**IMC3511015OW**
White	**IMCAR11015W**	**IMC3511015W**

RCA 110 Audio/Video Modules

Extend up to 100ft (30.5m) over (2) 4-pair UTP cables, 0.5 unit

	75' (23m) max.	100' (30.5m) max.	
Color	RCA Component Video, HD	RCA Composite Video, Left/Right Audio	RCA Left/Right Audio
Black	**IMCR1101BK**	**IMR1101BK**	**IMAR1101BK**
Ivory	**IMCR1101EI**	**IMR1101EI**	**IMAR1101EI**
Gray	**IMCR1101GY**	**IMR1101GY**	**IMAR1101GY**
Office White	**IMCR1101OW**	**IMR1101OW**	**IMAR1101OW**
White	**IMCR1101W**	**IMR1101W**	**IMAR1101W**

VGA and 3.5mm HD AV Extender

Extend up to 75ft (23m) over two 4-pair UTP cables, 1.5 unit

Color	Catalog No.
Black	**IM15311015BK**
Ivory	**IM15311015EI**
Gray	**IM15311015GY**
Office White	**IM15311015OW**
White	**IM15311015W**

Note: Product consists of send and receive pair.

S-Video Connection

Extend up to 75ft (23m) over single 4-pair UTP cable

Color	S-video to 110 Termination
Black	**SFSV110BK**

3.5mm to 110 Termination Stereo Jacks

Extend up to 75ft (23m) over single 4-pair UTP cable

Color	3.5mm to 110 Termination
Black	**SF35110BK**

RCA Connectors, 110 Punch-Down

Extend up to 75ft (23m) over single 4-pair UTP cable; housing color is black

Insulator Color	Catalog No.
Blue	**SFRC110B**
Green	**SFRC110GN**
Red	**SFRC110R**
White	**SFRC110W**
Yellow	**SFRC110Y**

See color chart on page V12.

AUDIO/VIDEO

RCA Component,
L/R Audio or RGBHV
IMCRS15OW

RCA Composite,
3.5mm Audio
IMRSJ1OW

Gold Pass-Through
RCA Component Video
IMCRF1OW

Gold Pass-Through
Speaker Post
IMSP1OW

Solder Audio/Video Modules

Color	1.5 Unit	1 Unit		
	RCA Component Video with Left/Right Audio or RGBHV	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Composite Video, 3.5mm Stereo Audio Jack
Black	**IMCRS15BK**	**IMCRS1BK**	**IM3RS1BK**	**IMRSJ1BK**
Ivory	**IMCRS15EI**	**IMCRS1EI**	**IM3RS1EI**	**IMRSJ1EI**
Gray	**IMCRS15GY**	**IMCRS1GY**	**IM3RS1GY**	**IMRSJ1GY**
Office White	**IMCRS15OW**	**IMCRS1OW**	**IM3RS1OW**	**IMRSJ1OW**
White	**IMCRS15W**	**IMCRS1W**	**IM3RS1W**	**IMRSJ1W**

Gold Pass-Through Audio/Video Modules

Color	Female to female coupler, 1 unit			Speaker post
	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Left/Right Audio with 3.5mm Stereo Audio Jack	Black and Red, Screw Termination
Black	**IMCRF1BK**	**IM3RF1BK**	**IM35AR1BK**	**IMSP1BK**
Ivory	**IMCRF1EI**	**IM3RF1EI**	**IM35AR1EI**	**IMSP1EI**
Gray	**IMCRF1GY**	**IM3RF1GY**	**IM35AR1GY**	**IMSP1GY**
Office White	**IMCRF1OW**	**IM3RF1OW**	**IM35AR1OW**	**IMSP1OW**
White	**IMCRF1W**	**IM3RF1W**	**IM35AR1W**	**IMSP1W**

Speaker Banana Plugs

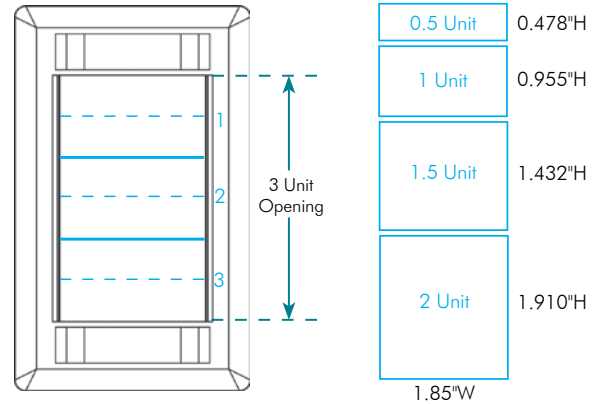| Screw termination, gold, 10-pack	
Color	Catalog No.
Black	**SPPBK10**
Red	**SPPR10**

See color chart on page V12. Modules and frames are featured on pages F9–F10.

Hubbell iSTATION Multi-Service Frame

Hubbell iSTATION Frames accept three units of module combinations in a single-gang opening.

0.5 Unit	0.478"H
1 Unit	0.955"H
1.5 Unit	1.432"H
2 Unit	1.910"H

3 Unit Opening

1.85"W

Specifications

- Decorator versions: UL Rated for power
- One to four gang
- Compatible with all Hubbell iSTATION modules and keystone connections
- Supplied with paper labels, clear covers and color-matched screw covers

Gangable AV Wallbox

Specifications

- 2- and 3-gang options
- Knockouts from ½ inch up to 2 inch
- NEMA spaced device mounting accepts industry standard wallplates
- Raised ground provisions in each gang
- 4 inches deep to accept practically any device

Gangable
Design allows for an infinite number of options

Multi-Service
Ideal for delivering power, data and AV in the same box

Capacity
4-inch depth accommodates large cables and bend radii

AUDIO/VIDEO

Modular Face Plate
IMF1OW

Raceway Bezel
KPIMBZOW

Third-Party Raceway Module
HWM2KGY10

Gangable AV Wallbox
HBL986

Hubbell iSTATION Modular Face Plate Frames

Single-service, low voltage

Color	1-Gang	2-Gang	3-Gang	4-Gang
Black	**IMF1BK**	**IMF2BK**	**IMF3BK**	**IMF4BK**
Ivory	**IMF1EI**	**IMF2EI**	**IMF3EI**	**IMF4EI**
Gray	**IMF1GY**	**IMF2GY**	**IMF3GY**	**IMF4GY**
Office White	**IMF1OW**	**IMF2OW**	**IMF3OW**	**IMF4OW**
White	**IMF1W**	**IMF2W**	**IMF3W**	**IMF4W**

Multi-service, power and low voltage

Color	1-Gang Decorator 1-Gang iSTATION	1-Gang Decorator 2-Gang iSTATION	1-Gang Decorator 3-Gang iSTATION	2-Gang Decorator 2-Gang iSTATION
Black	**IMFP1D1BK**	**IMFP1D2BK**	**IMFP1D3BK**	**IMFP2D2BK**
Ivory	**IMFP1D1EI**	**IMFP1D2EI**	**IMFP1D3EI**	**IMFP2D2EI**
Gray	**IMFP1D1GY**	**IMFP1D2GY**	**IMFP1D3GY**	**IMFP2D2GY**
Office White	**IMFP1D1OW**	**IMFP1D2OW**	**IMFP1D3OW**	**IMFP2D2OW**
White	**IMFP1D1W**	**IMFP1D2W**	**IMFP1D3W**	**IMFP2D2W**

Hubbell iSTATION Stainless Steel Plates

1-Gang	2-Gang	3-Gang	4-Gang
IMSS1	**IMSS2**	**IMSS3**	**IMSS4**

Delivery Bezels and Modules

Color	Raceway Bezel	Hubbell iSTATION Bezel for Third-Party Raceway	Furniture Boxes
Black	–	–	**HBLIMFBK**
Ivory	–	–	**HBLIMFI**
Gray	**KPIMBZGY**	**HWAPLGY**	**HBLIMFGY**
Office White	**KPIMBZOW**	**HWAPLOW**	–
White	–	**HWAPLW**	**HBLIMFWA**

Third-Party Raceway Modules

Unloaded, 2-port, 10-pack

Color	Catalog No.
Black	**HWM2KBK10**
Ivory*	**HWM2KI10**
Gray	**HWM2KGY10**
White	**HWM2KW10**

Equivalent to Hubbell Office White

Two and Three Gangable AV Wallboxes

Box	Dimensions	Top Knockouts	Bottom Knockouts	Back Knockouts	Catalog No.
2-Gang, 2" KO, 54in³ capacity	H: 4.21" W: 4.06" D: 4.0"	(2) ½" (2) ½" – ¾" TKO*	(1) 1", 1¼", 1½" and 2"	(2) ½" – ¾" TKO	**HBL985**
3-Gang, 2" KO, 79in³ capacity	H: 4.21" W: 5.87" D: 4.0"	(3) ½" (3) ½" – ¾" TKO*	(1) ½" (1) ½" – ¾" TKO* (1) 1", 1¼", 1½" and 2"	(3) ½" – ¾" TKO	**HBL986**

TKO (Tangential Knockout)

Low Voltage AV Wallbox Partitions

Compatible With	Description	Quantity	Catalog No.
HBL985 and HBL986	Solid divider	1	**HBL989**
	With pass-thru capability	1	**HBL989AVD**

AUDIO/VIDEO

Angled Module
IMBDSA15OW

Blank Frame
ISFB215EI

Keystone Module
IM2K1OW

SC Angled Module
IM2SCA2OW

Blank HD15/9-Pin or HDMI Modules

Color	1 Unit	1.5 Unit		2 Unit
	HD15/9-Pin or HDMI	Angled, HD15/9-Pin or HDMI	HD15/9-Pin or HDMI with 3.5mm Stereo Jack*	HD15/9-Pin or HDMI with 3.5mm SJ+AV Conn
Black	**IMBDS1BK**	**IMBDSA15BK**	**IMB15315BK**	**IMB153X2BK**
Ivory	**IMBDS1EI**	**IMBDSA15EI**	**IMB15315EI**	**IMB153X2EI**
Gray	**IMBDS1GY**	**IMBDSA15GY**	**IMB15315GY**	**IMB153X2GY**
Office White	**IMBDS1OW**	**IMBDSA15OW**	**IMB15315OW**	**IMB153X2OW**
White	**IMBDS1W**	**IMBDSA15W**	**IMB15315W**	**IMB153X2W**

*Screw termination or solder

Blank HD15/9-Pin or HDMI Frames

Color	1-Port	Recessed, 1-Port	2-Port
Black	**ISFB15BK**	**ISFBR15BK**	**ISFB215BK**
Ivory	**ISFB15EI**	**ISFBR15EI**	**ISFB215EI**
Gray	**ISFB15GY**	**ISFBR15GY**	**ISFB215GY**
Office White	**ISFB15OW**	**ISFBR15OW**	**ISFB215OW**
White	**ISFB15W**	**ISFBR15W**	**ISFB215W**

Keystone Modules, Unloaded

Color	1 Unit		1.5 Unit			
	Flat, 1-Port	Flat, 2-Port	Angled, 1-Port	Angled, 2-Port	Recessed, Angled, 1-Port	Recessed, Angled, 2-Port
Black	**IM1K1BK**	**IM2K1BK**	**IM1KA15BK**	**IM2KA15BK**	**IM1IA15BK**	**IM2IA15BK**
Ivory	**IM1K1EI**	**IM2K1EI**	**IM1KA15EI**	**IM2KA15EI**	**IM1IA15EI**	**IM2IA15EI**
Gray	**IM1K1GY**	**IM2K1GY**	**IM1KA15GY**	**IM2KA15GY**	**IM1IA15GY**	**IM2IA15GY**
Office White	**IM1K1OW**	**IM2K1OW**	**IM1KA15OW**	**IM2KA15OW**	**IM1IA15OW**	**IM2IA15OW**
White	**IM1K1W**	**IM2K1W**	**IM1KA15W**	**IM2KA15W**	**IM1IA15W**	**IM2IA15W**

Blank Modules

Color	0.5 Unit	1 Unit	1.5 Unit
Black	**IMB05BK**	**IMB1BK**	**IMB15BK**
Ivory	**IMB05EI**	**IMB1EI**	**IMB15EI**
Gray	**IMB05GY**	**IMB1GY**	**IMB15GY**
Office White	**IMB05OW**	**IMB1OW**	**IMB15OW**
White	**IMB05W**	**IMB1W**	**IMB15W**

SC Angled Modules

Color	1.5 Unit, 1 Duplex	2 Unit, 2 Duplex
Black	**IM1SCA15BK**	**IM2SCA2BK**
Ivory	**IM1SCA15EI**	**IM2SCA2EI**
Gray	**IM1SCA15GY**	**IM2SCA2GY**
Office White	**IM1SCA15OW**	**IM2SCA2OW**
White	**IM1SCA15W**	**IM2SCA2W**

Light Almond is the same color as Office White. See color chart on page V12.

AUDIO/VIDEO

Specifications

- 5 mini coax, 28AWG, 75Ω
- Connector OD: 0.50"
- Cable OD: 0.32"
- 100% factory tested

Standards

- UL Rated CMP and CMR
- Patch cord cable: UL Rated CM
- UL Listed: 1863

45° Connection
15A6P1

8-Pin Cable Run
VGA36P05BK

Keystone Snap Fit
SFAVCT

15-Pin VGA Patching Run
AV15M05

OPTISOK®
CCPS1

VGA Plug-n-Play X-End Connections

Female X-End 8-pin to female 15-pin					Female X-End 8-pin to male 15-pin
	Straight 180°	Angled 45°	Angled 90°	8" tail	8" tail plenum
Single Pack	**15S6P1**	**15A6P1**	**15N6P1**	**15T6P1**	**15MP6P1**
10-pack	**15S6P10**	**15A6P10**	**15N6P10**	**15T6P10**	**15MP6P10**

AV Plug-n-Play X-End Horizontal Cable Runs

Male X-End 8-pin, black			Male X-End 8-pin to male 3.5mm, black	
Length (ft)	Non-plenum, 8-pin	Plenum, 8-pin	Non-plenum, 8-pin, with 3.5mm	Plenum, 8-pin, with 3.5mm
15	**VGA615BK**	**VGA6P15BK**	**VGA3615BK**	**VGA36P15BK**
25	**VGA625BK**	**VGA6P25BK**	**VGA3625BK**	**VGA36P25BK**
35	**VGA635BK**	**VGA6P35BK**	**VGA3635BK**	**VGA36P35BK**
50	**VGA650BK**	**VGA6P50BK**	**VGA3650BK**	**VGA36P50BK**
75	**VGA675BK**	**VGA6P75BK**	**VGA3675BK**	**VGA36P75BK**
100	**VGA6100BK**	**VGA6P100BK**	**VGA36100BK**	**VGA36P100BK**

Contact Hubbell customer service for custom lengths; minimum quantities and lead times may apply.

OPTISOK®

OPTISOK pulling grip contains and protects the X-End connector bundle and saves time and labor by making job easier while protecting the connectors from possible damage during the pull. The OPTISOK has been designed to pull cables through conduits, plenums, under-floor duct, office partitions and raised access floors.

Bundle Size Range	Catalog No.
0.125–0.562"	**CCPS1**
0.250–0.750"	**CCPS2**

X-End AV Plug-n-Play Application Patching Runs

Male connector tail to male X-End 8-pin		
Length (ft)	15-Pin VGA	15-pin VGA with 3.5mm audio
5	**AV15M05**	**AV153505**
10	**AV15M10**	**AV153510**

X-End Keystone Snap Fit Connectors

Female keystone 8-pin to female X-End 8-pin, black	
Description	Catalog No.
Keystone, 4" tail	**SFAVCT**

C (UL) US

Specifications

- Connectors: gold-plated 2μ"
- Shell: XLR, ¼", 1394 and USB zinc die-cast
- Shell : speakON® polyamide

Screw Term Connection
XLRST10

Mini XLR Loaded Module
IMXLRM1W

15-Pin, 3.5mm Stereo,
XLR Module
IM153X2OW
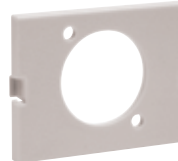
Blank Module
IMAVB15OW

Pro-AV Patch Panel, Flat
PAV32

Pro-Audio Connections

10-pack				
Screw Term	Solder	Pass-Thru	Solder	Solder
XLR, 3-Pole Locking	XLR 3-Pole Locking	USB, A-to-B	¼" Locking	speakON® Female
XLRST10	**XLR10**	**USB10**	**14S10**	**SC10**

Loaded Pro-AV Modules

Color	Mini XLR, 3-Pole, Solder, 1 Unit	15-Pin Screw Term, 3.5mm Stereo Jack Screw Term, XLR Screw Term, 2 Unit
Almond	**IMXLRM1AL**	–
Black	**IMXLRM1BK**	–
Ivory	**IMXLRM1EI**	–
Gray	**IMXLRM1GY**	–
Office White	**IMXLRM1OW**	**IM153X2OW**
White	**IMXLRM1W**	–

Blank AV Panel Mount Modules

1.5 unit, 10-pack	
Color	Catalog No.
Almond	**IMAVB15AL**
Black	**IMAVB15BK**
Ivory	**IMAVB15EI**
Gray	**IMAVB15GY**
Office White	**IMAVB15OW**
White	**IMAVB15W**

Pro-AV Panel Mount Patch Panels, Unloaded

Type	Opening Size	Width Inches (mm)	Height Inches (mm)	No. of Connectors	Catalog No.
Flat	Pro-AV	19" (483)	1U, 1.75" (45)	16	**PAV16**
			2U, 3.50" (89)	32	**PAV32**
Angled	Pro-AV	19" (483)	1U, 1.75" (45)	16	**PAVA16**
			2U, 3.50" (89)	32	**PAVA32**

speakON is a registered trademark of Neutrik AG.
See color chart on page V12.

AUDIO/VIDEO

Cat 5e Cross Over
10/100BASE-T
SF5ECOGY

Cat 6 Shielded
SFS6C

USB 3.0 A to A
SFUSBAA3BK

HDMI Keystone
SFHC14BK

HDMI Decorator Frame
NS802W

RJ-45 Couplers

Female to female couplers

Housing Color	Category 6, Pass-Thru	Category 5e, Pass-Thru	Category 5e, Cross Over 10/100BASE-T	Category 6, Shielded Pass-Thru	
Black	**SFC6BK**	**SFC5EBK**	–	Lead free tinned shield	**SFSC6**
Gray	–	–	**SF5ECOGY**		
White	**SFC6W**	**SFC5EW**	–		

USB Connectors

Pass-thru, female to female couplers

Housing Color	USB 3.0, A to A	USB 3.0, A to B	USB 2.0, A to A	USB 2.0, A to B
Black	**SFUSBAA3BK**	**SFUSBAB3BK**	–	–
Blue	–	–	**SFUSBAAB**	**SFUSBABB**
Office White	–	–	**SFUSBAAOW**	**SFUSBABOW**
White	–	–	**SFUSBAAW**	**SFUSBABW**

HDMI 1.4 Connectors for IMB and ISFB Series Blanks

Color	HDMI Keystone Feed-Thru	HDMI Feed-Thru Coupler	HDMI Feed-Thru 3-Inch Tail
Black	**SFHC14BK**	**HDMIC14**	**HDMIT14**
White	**SFHC14W**	–	–

HDMI Decorator Frames

Color	1-Port	2-Port
Black	**NS801BK**	**NS802BK**
Ivory	**NS801I**	**NS802I**
Gray	**NS801GY**	**NS802GY**
Light Almond	**NS801LA**	**NS802LA**
White	**NS801W**	**NS802W**

HDMI Device Cords
HDPC03BK

In-Wall Cords
HDH10BK

Patch Cords
HDL10BK

Coupler Cords
HDC10BK

HDMI Non-Active Horizontal Patch Cords

Black, non-plenum, 24AWG

Length (ft)	HDMI Device Patch Cords	In-Wall Cords (Male w/ Screw to Male w/ Screw)	Patch Cords (Male to Male w/ Secure Screw)	Coupler Cords (Male to Female)
3	**HDPC03BK**	–	–	–
6	**HDPC06BK**	–	–	–
10	–	**HDH10BK**	**HDL10BK**	**HDC10BK**
15	–	**HDH15BK**	**HDL15BK**	**HDC15BK**
20	–	**HDH20BK**	**HDL20BK**	**HDC20BK**
25	–	**HDH25BK**	**HDL25BK**	**HDC25BK**
30	–	**HDH30BK**	**HDL30BK**	**HDC30BK**

Modules and frames are featured on pages F9–F10.

F-Connector
SFFBX

Recessed F-Type Connector
SFGRFEI

RCA to F-Connector
SFRFGOW

Blank Connector
SFB10

Screw Terminal
SF15ST

F-Type Connectors

Pass-thru, F/F coupler

| Color | Nickel | Gold | | | |
	2GHz	3GHz	2GHz	Recessed	RCA to F-Connector
Almond	**SFFALX**	**SFF3GAL**	**SFFGAL**	**–**	**–**
Black	**SFFBX**	**SFF3GBK**	**SFFGBK**	**SFGRFBK**	**SFRFGBK**
Ivory	**SFFEX**	**SFF3GEI**	**SFFGEI**	**SFGRFEI**	**SFRFGEI**
Gray	**SFFGX**	**SFF3GGY**	**SFFGGY**	**SFGRFGY**	**SFRFGGY**
Office White	**SFFX**	**SFF3GOW**	**SFFGOW**	**SFGRFOW**	**SFRFGOW**
White	**SFFWX**	**SFF3GW**	**SFFGW**	**SFGRFW**	**SFRFGW**

F-Connector Plugs

25-pack

Termination Type	Cable Type	Catalog No.
Compression	RG6	**FRG625**
Crimp	RG6	**FRG6C25**

Blank Connectors and Couplers

10-pack

Color	Blank Connector	Smooth Blank Connector
Almond	**SFBAL10**	**SFSBAL10**
Black	**SFBB10**	**SFSBBK10**
Ivory	**SFBE10**	**SFSBEI10**
Gray	**SFBG10**	**SFSBGY10**
Light Almond	**–**	**SFSBLA10**
Office White	**SFB10**	**–**
White	**SFBW10**	**SFSBW10**

Screw Terminal

	HD 9-Pin	HD 15-Pin	HD 15-Pin, Keystone Front Mount
Single Pack	**–**	**–**	**SF15ST**
10-Pack	**9ST10**	**15ST10**	**–**

Gender Changers

Female to female couplers

	15-Pin, 90°	HD 9-Pin	HD 15-Pin
Single Pack	**15901**	**–**	**–**
10-Pack	**–**	**9GC10**	**15GC10**

Light Almond is the same color as Office White. See color chart on page V12.

AUDIO/VIDEO

RCA Connector
SFRCROW

RCA Pass-Thru, Recessed
SFRCRROW

RCA Pass-Thru, F/F Coupler
SFRCRFFOW

RCA Connectors, Solder Termination

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	SFRCBKAL	SFRCBAL	SFRCGNAL	SFRCORAL	SFRCRAL	SFRCWAL	SFRCYAL
Black	SFRCBKBK	SFRCBBK	SFRCGNBK	SFRCORBK	SFRCRBK	SFRCWBK	SFRCYBK
Ivory	SFRCBKEI	SFRCBEI	SFRCGNEI	SFRCOREI	SFRCREI	SFRCWEI	SFRCYEI
Gray	SFRCBKGY	SFRCBGY	SFRCGNGY	SFRCORGY	SFRCRGY	SFRCWGY	SFRCYGY
Office White	SFRCBKOW	SFRCBOW	SFRCGNOW	SFRCOROW	SFRCROW	SFRCWOW	SFRCYOW
White	SFRCBKW	SFRCBW	SFRCGNW	SFRCORW	SFRCRW	SFRCWW	SFRCYW

RCA Connectors, Pass-Thru, Recessed

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	SFRCBKRAL	SFRCBRAL	SFRCGNRAL	SFRCORRAL	SFRCRRAL	SFRCWRAL	SFRCYRAL
Black	SFRCBKRBK	SFRCBRBK	SFRCGNRBK	SFRCORRBK	SFRCRRBK	SFRCWRBK	SFRCYRBK
Ivory	SFRCBKREI	SFRCBREI	SFRCGNREI	SFRCORREI	SFRCRREI	SFRCWREI	SFRCYREI
Gray	SFRCBKRGY	SFRCBRGY	SFRCGNRGY	SFRCORRGY	SFRCRRGY	SFRCWRGY	SFRCYRGY
Office White	SFRCBKROW	SFRCBROW	SFRCGNROW	SFRCORROW	SFRCRROW	SFRCWROW	SFRCYROW
White	SFRCBKRW	SFRCBRW	SFRCGNRW	SFRCORRW	SFRCRRW	SFRCWRW	SFRCYRW

RCA Connectors, Pass-Thru, Gold, Female to Female Coupler

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	SFRCBKFFAL	SFRCBFFAL	SFRCGNFFAL	SFRCORFFAL	SFRCRFFAL	SFRCWFFAL	SFRCYFFAL
Black	SFRCBKFFBK	SFRCBFFBK	SFRCGNFFBK	SFRCORFFBK	SFRCRFFBK	SFRCWFFBK	SFRCYFFBK
Electric Ivory	SFRCBKFFEI	SFRCBFFEI	SFRCGNFFEI	SFRCORFFEI	SFRCRFFEI	SFRCWFFEI	SFRCYFFEI
Gray	SFRCBKFFGY	SFRCBFFGY	SFRCGNFFGY	SFRCORFFGY	SFRCRFFGY	SFRCWFFGY	SFRCYFFGY
Office White	SFRCBKFF	SFRCBFFOW	SFRCGNFFOW	SFRCORFFOW	SFRCRFF	SFRCWFF	SFRCYFF
White	SFRCBKFFW	SFRCBFFW	SFRCGNFFW	SFRCORFFW	SFRCRFFW	SFRCWFFW	SFRCYFFW

Light Almond is the same color as Office White. See color chart on page V12.

3.5mm to Screw Term
SF35STOW

3.5mm Pass-Thru, Gold
SF35GFFOW

Speaker Post Connector
SFSPGBKOW

Speaker Banana Plug
SPPR10

3.5mm Stereo Jacks

Color	3.5mm to Solder	3.5mm to Screw Terminal	3.5mm Pass-Thru, F/F Coupler	3.5mm Pass-Thru, Gold, F/F Coupler
Almond	**SF35SJAL**	**SF35STAL**	**SF35FFAL**	**SF35GFFAL**
Black	**SF35SJBK**	**SF35STBK**	**SF35FFBK**	**SF35GFFBK**
Ivory	**SF35SJEI**	**SF35STEI**	**SF35FFEI**	**SF35GFFEI**
Gray	**SF35SJGY**	**SF35STGY**	**SF35FFGY**	**SF35GFFGY**
Office White	**SF35SJOW**	**SF35STOW**	**SF35FFOW**	**SF35GFFOW**
White	**SF35SJW**	**SF35STW**	**SF35FFW**	**SF35GFFW**

1/4" Stereo Jack

Solder	
Color	
Almond	**SF14SJAL**
Black	**SF14SJBK**
Ivory	**SF14SJEI**
Gray	**SF14SJGY**
Office White	**SF14SJOW**
White	**SF14SJW**

Speaker Post Connectors

Screw termination, gold

Color	Black	Red
Almond	**SFSPGBKAL**	**SFSPGRAL**
Black	**SFSPGBKBK**	**SFSPGRBK**
Ivory	**SFSPGBKEI**	**SFSPGREI**
Gray	**SFSPGBKGY**	**SFSPGRGY**
Office White	**SFSPGBKOW**	**SFSPGROW**
White	**SFSPGBKW**	**SFSPGRW**

Speaker Banana Plugs

Screw termination, gold, 10-pack

Black	Red
SPPBK10	**SPPR10**

See color chart on page V12.

FIBER | Connectivity

Hubbell optical fiber connectivity products offer a modular, standards-compliant solution for enterprise and data center cabling infrastructure. This section features high performance PROclick® pre-polished connectors, fusion splice connectors, adapters and keystone snap fittings. FSP Series panels and OC Series pre-terminated cassettes complete the end-to-end solution with a full range of densities, fiber types and adapter options.

FIBER | Connectivity

FIBER | CONNECTIVITY

LC Pre-Polished
FCLC900K50GM12

SC Pre-Polished
FCSC900K62M12

2CLICK® ST
FCSTSM12

Pre-Polished Connectors

900/250 µM cable, 10mm cleave length

LC PROclick®

Color	Fiber Type	12-Pack	100-Pack
Aqua	50µM, OM3/OM4	**FCLC900K50GM12**	**FCLC900K50GM100**
Beige	62.5µM, OM1	**FCLC900K62M12**	**FCLC900K62M100**
Black	50µM, OM2	**FCLC900K50M12**	**FCLC900K50M100**
Blue	SM, OS2	**FCLC900KSM12**	**FCLC900KSM100**
Green		**–**	**–**

SC PROclick®

Fiber Type	12-Pack	100-Pack
50µM, OM3/OM4	**FCSC900K50GM12**	**FCSC900K50GM100**
62.5µM, OM1	**FCSC900K62M12**	**FCSC900K62M100**
50µM, OM2	**FCSC900K50M12**	**FCSC900K50M100**
UPC SM, OS2	**FCSC900KSM12**	**FCSC900KSM100**
APC SM, OS2	**FCSC900KASM12**	**–**

ST 2Click®

Color	Fiber Type	12-Pack
Aqua	50µM, OM3/OM4	**FCST50GM12**
Beige	62.5µM, OM1	**FCST62M12**
Black	50µM, OM2	**FCST50M12**
Blue	SM, OS2	**FCSTSM12**

Fiber Cleaver

Description	Catalog No.
Multimode only	**OFCLV3**
SM or MM fiber, CT-30 style, with case	**OFCLV4**
SM or MM fiber, precision, with case	**OFCLV5**

Universal Fiber Strip Tool

Description	Catalog No.
900 micron buffered 250 fiber acrylate buffer, loose tube and PVC jackets	**OFSTRIP2**

Visual Fault Locator (ST, SC, LC)

Description	Catalog No.
Visual fault locator	**OFVFLKT1**

TIP: Use a VFL during termination for optimum test results.

Four Easy Termination Steps

Strip

Wipe

Cleave

Insert and Click

Note: See page G14 for termination tools and accessories. Cleave tool OFCLV3 is suitable for multimode only. Visual Fault locator OFVFLKT1 recommended during termination. Precision cleave tool OFCLV4 or OFCLV5 is required for singlemode terminations. Use a precision cleave tool for optimum performance.
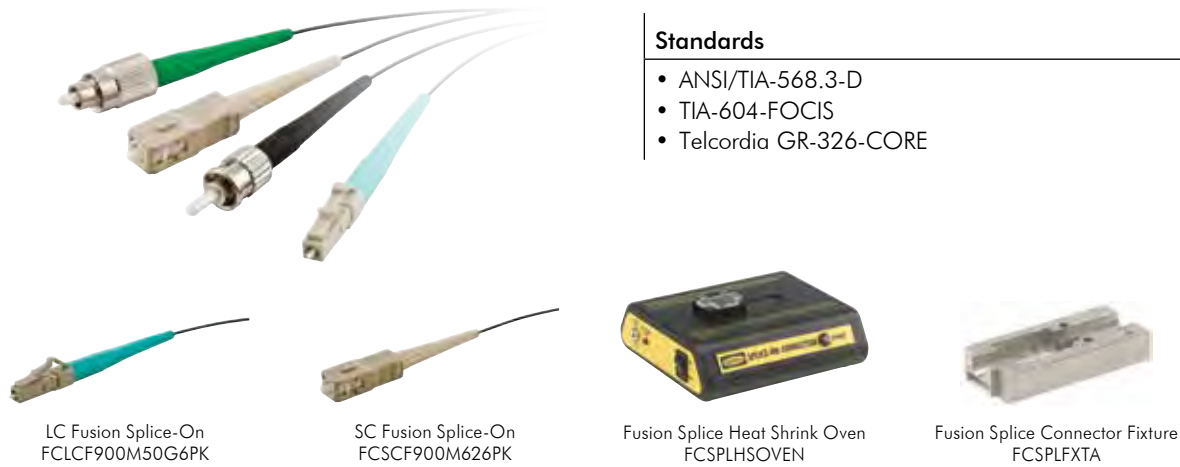
Standards

- ANSI/TIA-568.3-D
- TIA-604-FOCIS
- Telcordia GR-326-CORE

LC Fusion Splice-On
FCLCF900M50G6PK

SC Fusion Splice-On
FCSCF900M626PK

Fusion Splice Heat Shrink Oven
FCSPLHSOVEN

Fusion Splice Connector Fixture
FCSPLFXTA

Fusion Splice-On Connectors

6-Pack

Fiber Type	LC	SC	ST-Style	FC
Multimode 62.5 (OM1)	FCLCF900M626PK	FCSCF900M626PK	FCSTF900M626PK	FCFCF900M626PK
Multimode 50 (OM2)	FCLCF900M506PK	FCSCF900M506PK	FCSTF900M506PK	FCFCF900M506PK
Multimode 50 (OM3)	FCLCF900M50G6PK	FCSCF900M50G6PK	FCSTF900M50G6PK	FCFCF900M50G6PK
Singlemode UPC (OS2)	FCLCF900SM6PK	FCSCF900SM6PK	FCSTF900SM6PK	FCFCF900SM6PK
Singlemode APC (OS2)	–	FCSCF900SMA6PK	–	FCFCF900SMA6PK
100-Pack				
Multimode 50 (OM3)	FCLCF900M50G100PK	FCSCF900M50G100PK	–	–
Singlemode UPC (OS2)	FCLCF900SM100PK	FCSCF900SM100PK	–	–

Note: Pack of 6 connectors, each in a protective capsule with cleave protector, extended dust cap, 900µm boot and splice sleeve. Compatible with fusion splicers having a removable fiber holder. See application chart below. Metal holder fixture required (sold separately). See application table below. Hubbell fusion splice heat shrink oven, Catalog Number FCSPLHSOVEN is also required for termination.

Fusion Splice Heat Shrink Oven

Catalog No.	FCSPLHSOVEN

Metal Splice Connector Fixture Application Chart

Fusion Splicer Manufacturer	Fusion Splicer Model No.	Splice-On Connectors Supported (900µ)	Metal Connector Fixture Catalog No.
AFL/Fujikura	FSM-11(S/M)	LC, SC, ST, FC	FCSPLFXTAR
	FSM-12S	LC, SC, ST, FC	FCSPLFXTA
	FSM-17S	LC, SC	
	FSM-18S, FSM-60 (S/R)	LC, SC, ST	
	FSM-21S	LC, SC	FCSPLFXTA2
Furukawa/Fitel®	S121 (A/M), S122 (A/C/M)	LC, SC, ST, FC	FCSPLFXTF
	S123 (C/M), S153, S178A		
Sumitomo®	Type-25e (U/S/M)	LC, SC, ST, FC	FCSPLFXTS
	Type-39FH		
	Type-46, 66		
	Quantum (Q101-CA)		
INNO™	IFS10, IFS15	LC, SC, ST, FC	FCSPLFXTI
Greenlee®	910 FS	LC, SC, ST, FC	FCSPLFXTG
FIS	SUPER COUGAR	LC, SC, ST, FC	FCSPLFXTFS

Sumitomo is a registered trademark of Sumitomo Electric Lightwave. Fitel is a registered trademark of Furukawa Electric Co., LTD. INNO is a trademark of INNO Instrument Inc. Greenlee is a registered trademark of Greenlee Textron Inc.

FIBER | CONNECTIVITY

SC Adhesive	ST and SC Crimp	LC Adhesive	Crimp Insert and 3mm Boot
FCSCM12R	FCSTM12R	FCLCMM	FCLCXX
FCSCS12R	FCSTS12R		OFPCRKXX

Adhesive Connectors

900μm termination

	SC		ST-Style	
Mode	12-Pack	100-Pack	12-Pack	100-Pack
Multimode	**FCSCM12R**	**FCSCM100R**	**FCSTM12R**	**FCSTM100R**
Singlemode	**FCSCS12R**	**FCSCS100R**	**FCSTS12R**	**FCSTS100R**

LC Simplex Adhesive Connectors

900μm termination, LC connector, white boot and dust cap

Mode	6-Pack
Multimode	**FCLCMM**
Singlemode	**FCLCSM**

Crimp Style Non-Adhesive Connectors

900μm termination

	SC		ST-Style	
Mode	12-Pack	100-Pack	12-Pack	100-Pack
Multimode	**FCSCMQ12R**	**FCSCMQ100R**	**FCSTMQ12RA**	**FCSTMQ100R**
Singlemode	**FCSCSQ12R**	**FCSCSQ100R**	**FCSTSQ12R**	**FCSTSQ100R**

Note: Includes 1 connector, dust cap, black boot (MM) or yellow boot (SM), and crimp insert.

Crimp Inserts

Mode	12-Pack	100-Pack
Multimode/singlemode	**FCCI12**	**FCCI100**

Crimp Rings/3mm Boots

(25) crimp sleeves and boots

Description	Catalog No.
Multimode	**OFPCRKM**
Singlemode	**OFPCRKS**

Note: SC/ST-style Hubbell OptiChannel connectors for 3mm jacketed cables, black boot (MM) or yellow boot (SM).

Note: OFCMT04 crimp tool required for SC and ST crimp or adhesive termination. See page G14 for termination tools and accessories sold separately.

SC Duplex, 12-Port, OM3
OCSC50G

ST Duplex, 12-Port, OM2
OCST50

LC Duplex, 12-Port, OS2
OCLCSM

LC Quad, 24-Port, OM3
OCLCQ50G

MT-RJ, 12-Port, OM2
OCRJ50

MPO 12- and 24-Fiber Cassettes

Type A polarity, max 1U density: 72 LC ports ((3) 24-port cassettes across)

Fiber Type	Color	SC Duplex	ST-Style	LC Duplex 12F	LC Duplex 24F*	LC Quad 24F*	MT-RJ
50μm, OM2	Black	**OCSC50**	**OCST50**	**OCLC50**	**OCLCD50**	**OCLCQ50**	**OCRJ50**
50μm, OM3	Aqua	**OCSC50G**	–	**OCLC50G**	**OCLCD50G**	**OCLCQ50G**	**OCRJ50G**
50μm, OM4	Aqua	**OCSC50G4**	–	**OCLC50G4**	**OCLCD50G4**	**OCLCQ50G4**	–
50μm, OM4	Violet	**OCSC50G4VI**	–	**OCLC50G4VI**	**OCLCD50G4VI**	**OCLCQ50G4VI**	–
62.5μm, OM1	Beige	**OCSC62**	**OCST62**	**OCLC62**	**OCLCD62**	**OCLCQ62**	**OCRJ62**
SM, OS2	Blue	**OCSCSM**	**OCSTSM**	**OCLCSM**	**OCLCDSM**	**OCLCQSM**	–
Type C polarity							
50μm, OM4	Aqua			**OCLC50G4C**	**OCLCD50G4C**	**OCLCQ50G4C**	
50μm, OM4	Violet			**OCLC50G4CVI**	**OCLCD50G4CVI**	**OCLCQ50G4CVI**	

*24 fibers, 2-12 fiber MPO receptacles in rear.
Note: See G16 for Keyed LC fiber cassettes. See page J3 for ultra compact high density cassettes used in the FCRHD1UBK enclosure.

OM3 Cassette
OCLCHD50G3

OM4 Cassette
OCLCD50G4

OS2 Cassette
OCLCHDSM

Ultra Compact LC to MPO Cassettes, 12-Fiber

Type A polarity, max 1U density: 144 LC ports (12 cassettes)

Height In (mm)	Width In (mm)	Depth In (mm)	Fiber Type	Color	Catalog No.
0.5" (13)	3.5" (89)	5.2" (132)	OM3	Aqua	**OCLCHD50G3**
			OM4	Aqua	**OCLCHD50G4**
			OS2	Blue	**OCLCHDSM**
			OM4	Violet	**OCLCHD50G4VI**

Note: Use with FCRHD Series High Density Enclosures, page J3.

FIBER | CONNECTIVITY

LC Duplex, 6-Port
FSPLCDS3AQ

LC Duplex, 24-Port
FSPLCDS12AQ

LC Quad, 24-Port
FSPLCQS6Y

SC Duplex, 6-Port
FSPSCDS3B

SC Duplex, 12-Port
FSPSCDS6Y

LC Duplex FSP Adapter Panels

	LC 6-Port (3 LC Duplex)		LC 12-Port (6 LC Duplex)		LC 24-Port (12 LC Duplex)	
Color	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode
Aqua	**FSPLCDM3AQ**	**FSPLCDS3AQ**	**FSPLCDM6AQ**	**FSPLCDS6AQ**	**FSPLCDM12AQ**	**FSPLCDS12AQ**
Beige	**FSPLCDM3BE**	**FSPLCDS3BE**	**FSPLCDM6BE**	**FSPLCDS6BE**	**FSPLCDM12BE**	**FSPLCDS12BE**
Black	**FSPLCDM3BK**	**FSPLCDS3BK**	**FSPLCDM6BK**	**FSPLCDS6BK**	**FSPLCDM12BK**	**FSPLCDS12BK**
Blue	**FSPLCDM3B**	**FSPLCDS3B**	**FSPLCDM6B**	**FSPLCDS6B**	**FSPLCDM12B**	**FSPLCDS12B**
Green	**FSPLCDM3GN**	**FSPLCDS3GN**	**FSPLCDM6GN**	**FSPLCDS6GN**	**FSPLCDM12GN**	**FSPLCDS12GN**
Orange	**FSPLCDM3OR**	**FSPLCDS3OR**	**FSPLCDM6OR**	**FSPLCDS6OR**	**FSPLCDM12OR**	**FSPLCDS12OR**
Red	**FSPLCDM3R**	**FSPLCDS3R**	**FSPLCDM6R**	**FSPLCDS6R**	**FSPLCDM12R**	**FSPLCDS12R**
Violet	**–**	**FSPLCDS3VI**	**–**	**FSPLCDS6VI**	**–**	**FSPLCDS12VI**
Yellow	**FSPLCDM3Y**	**FSPLCDS3Y**	**FSPLCDM6Y**	**FSPLCDS6Y**	**FSPLCDM12Y**	**FSPLCDS12Y**

LC Quad FSP Adapter Panels

	LC 12-Port (3 LC Quad)		LC 24-Port (6 LC Quad)	
Color	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode
Aqua	**FSPLCQM3AQ**	**FSPLCQS3AQ**	**FSPLCQM6AQ**	**FSPLCQS6AQ**
Beige	**FSPLCQM3BE**	**FSPLCQS3BE**	**FSPLCQM6BE**	**FSPLCQS6BE**
Black	**FSPLCQM3BK**	**FSPLCQS3BK**	**FSPLCQM6BK**	**FSPLCQS6BK**
Blue	**FSPLCQM3B**	**FSPLCQS3B**	**FSPLCQM6B**	**FSPLCQS6B**
Green	**FSPLCQM3GN**	**FSPLCQS3GN**	**FSPLCQM6GN**	**FSPLCQS6GN**
Orange	**FSPLCQM3OR**	**FSPLCQS3OR**	**FSPLCQM6OR**	**FSPLCQS6OR**
Red	**FSPLCQM3R**	**FSPLCQS3R**	**FSPLCQM6R**	**FSPLCQS6R**
Violet	**–**	**FSPLCQS3VI**	**–**	**FSPLCQS6VI**
Yellow	**FSPLCQM3Y**	**FSPLCQS3Y**	**FSPLCQM6Y**	**FSPLCQS6Y**

SC Duplex FSP Adapter Panels

	SC 6-Port (3 SC Duplex)		SC 12-Port (6 SC Duplex)	
Color	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode	Phosphor Bronze Multimode Only	Zirconia Ceramic Single/Multimode
Aqua	**FSPSCDM3AQ**	**FSPSCDS3AQ**	**FSPSCDM6AQ**	**FSPSCDS6AQ**
Beige	**FSPSCDM3BE**	**FSPSCDS3BE**	**FSPSCDM6BE**	**FSPSCDS6BE**
Black	**FSPSCDM3BK**	**FSPSCDS3BK**	**FSPSCDM6BK**	**FSPSCDS6BK**
Blue	**FSPSCDM3B**	**FSPSCDS3B**	**FSPSCDM6B**	**FSPSCDS6B**
Green	**FSPSCDM3GN**	**FSPSCDS3GN**	**FSPSCDM6GN**	**FSPSCDS6GN**
Orange	**FSPSCDM3OR**	**FSPSCDS3OR**	**FSPSCDM6OR**	**FSPSCDS6OR**
Red	**FSPSCDM3R**	**FSPSCDS3R**	**FSPSCDM6R**	**FSPSCDS6R**
Yellow	**FSPSCDM3Y**	**FSPSCDS3Y**	**FSPSCDM6Y**	**FSPSCDS6Y**

FC Duplex, 6-Port
FSPFC6

SC Simplex, 6-Port
FSPSC6

SC/APC Simplex, 6-Port
FSPSCA6

ST Simplex, 6-Port
FSPST6

MPO Simplex, 6-Port
FSPMTPAQ6

Jack-Pack®, 4-Port
FSPHD4X

FC Simplex

Nickle Plate

Description	Zirconia Ceramic Sleeve
FC 6-port (6 FC)	**FSPFC6**
FC 8-port (8 FC)	**FSPFCSS8**

SC Simplex

Blue

Description	Phosphor Bronze Sleeve	Zirconia Ceramic Sleeve
SC 6-port (6 SC)	**FSPSC6**	**FSPSCSS6**
SC 8-port (8 SC)	**FSPSC8**	**FSPSCSS8**
SC 12-port (12 SC)	**FSPSC12**	**FSPSCSS12**

SC Simplex, APC

Green

Description	Zirconia Ceramic Sleeve
SC 6-port (6 SC)	**FSPSCA6**
SC 8-port (8 SC)	**FSPSCA8**
SC 12-port (12 SC)	**FSPSCA12**

ST-Style Simplex

Yellow

Description	Phosphor Bronze Sleeve	Zirconia Ceramic Sleeve
ST-style 6-port	**FSPST6**	**FSPSTSS6**
ST-style 8-port	**FSPST8**	**FSPSTSS8**

MT-RJ

Black

Description	Catalog No.
MT-RJ 6-port	**FSPMTRJ6**
MT-RJ 8-port	**FSPMTRJ8**

JACK-PACK®, Unloaded

Description	Catalog No.
Keystone 4-port	**FSPHD4X**
Keystone 6-port	**FSPHD6X***

Will not fit into FTU2 series, FTU4SP or FCR2U9SP enclosures.

MPO, Standard Polarity*

Color	Application	Simplex 6-Port (72 Fiber)	Duplex 12-Port (144 Fiber)
Aqua	OM3/OM4	**FSPMTPAQ6**	**FSPMTPDAQ6**
Beige	OM1/OM2	**FSPMTPBE6**	**FSPMTPDBE6**
Black	Universal	**FSPMTPBK6**	**FSPMTPDBK6**
Green	Singlemode	**FSPMTPGN6**	**FSPMTPDGN6**
Violet	OM4	**FSPMTPVI6**	**FSPMTPDVI6**

MPO, Reversed Polarity*

Color	Simplex 6-Port (72 Fiber)
Gray	**FSPMTPRPGY6**

Standard MPO polarity is key-up/key-down. Reversed polarity is key-up/key-up.
Note: Compatible with 12- or 24-fiber MPO connectors.

Blank Panel
FSPB

SC Simplex, 6-Port
FSPSC6X

SC Simplex, 8-Port
FSPSC8X

SC Duplex, 6-Port
FSPSCD3X

SC Duplex, 12-Port
FSPSCD6X

FSP Adapter Panels, Unloaded

Description	Catalog No.	Description	Catalog No.
Blank, snap-in	**FSPB**	4 SC duplex or LC quad	**FSPSCD4X**
6 SC simplex or LC duplex	**FSPSC6X**	6 SC duplex or LC quad	**FSPSCD6X**
8 SC simplex or LC duplex	**FSPSC8X**	6 ST-style	**FSPST6X**
12 SC simplex or LC duplex	**FSPSC12X**	8 ST-style	**FSPST8X**
3 SC duplex or LC quad	**FSPSCD3X**	6 MTP-style	**FSPSC6X**

Note: Use Hubbell snap mount or screw mount adapters (screws included).

FIBER | CONNECTIVITY

ST/SC Duplex, 6-Port
FSPSCST3

ST/SC Duplex, 12-Port
FSPSCST6

SC to ST-Style Duplex FSP Panels

Description	Phosphor Bronze Sleeve	Zirconia Ceramic Sleeve
SC-ST 6-port, blue	**FSPSCST3**	**FSPSCSTDS3**
SC-ST 12-port, blue	**FSPSCST6**	**FSPSCSTDS6**

ST-Style Duplex FSP Adapter Panels

Description	Phosphor Bronze Sleeve	Zirconia Ceramic Sleeve
ST duplex, 6-port, blue	**FSPSTD3**	**FSPSTDS3**
ST duplex, 12-port, blue	**FSPSTD6**	**FSPSTDS6**

LC Duplex, Flush Mount
SFFLCSBW

LC Duplex, Standard
SFLCSBBK

SC Simplex, Flush Mount
SFFSCSBW

SC Simplex, Standard
SFSCSBOW

LC Duplex Keystone Adapters

Flush Mount, Zirconia Ceramic

Housing Color	Adapter Color							
	Aqua	Beige	Black	Blue	Green	Orange	Red	Yellow
Almond	SFFLCSAQAL	SFFLCSBEAL	SFFLCSBKAL	SFFLCSBAL	SFFLCSGNAL	SFFLCSORAL	SFFLCSRAL	SFFLCSYAL
Black	SFFLCSAQBK	SFFLCSBEBK	SFFLCSBKBK	SFFLCSBBK	SFFLCSGNBK	SFFLCSORBK	SFFLCSRBK	SFFLCSYBK
Gray	SFFLCSAQG	SFFLCSBEG	SFFLCSBKG	SFFLCSBG	SFFLCSGNG	SFFLCSORG	SFFLCSRG	SFFLCSYG
Ivory	SFFLCSAQEI	SFFLCSBEEI	SFFLCSBKEI	SFFLCSBEI	SFFLCSGNEI	SFFLCSOREI	SFFLCSREI	SFFLCSYEI
Light Almond	SFFLCSAQLA	SFFLCSBELA	SFFLCSBKLA	SFFLCSBLA	SFFLCSGNLA	SFFLCSORLA	SFFLCSRLA	SFFLCSYLA
Office White	SFFLCSAQOW	SFFLCSBEOW	SFFLCSBKOW	SFFLCSBOW	SFFLCSGNOW	SFFLCSOROW	SFFLCSROW	SFFLCSYOW
White	SFFLCSAQW	SFFLCSBEW	SFFLCSBKW	SFFLCSBW	SFFLCSGNW	SFFLCSORW	SFFLCSRW	SFFLCSYW

Standard, Zirconia Ceramic

Housing Color	Adapter Color							
	Aqua	Beige	Black	Blue	Green	Orange	Red	Yellow
Almond	SFLCSAQAL	SFLCSBEAL	SFLCSBKAL	SFLCSBAL	SFLCSGNAL	SFLCSORAL	SFLCSRAL	SFLCSYAL
Black	SFLCSAQBK	SFLCSBEBK	SFLCSBKBK	SFLCSBBK	SFLCSGNBK	SFLCSORBK	SFLCSRBK	SFLCSYBK
Gray	SFLCSAQG	SFLCSBEG	SFLCSBKG	SFLCSBG	SFLCSGNG	SFLCSORG	SFLCSRG	SFLCSYG
Ivory	SFLCSAQEI	SFLCSBEEI	SFLCSBKEI	SFLCSBEI	SFLCSGNEI	SFLCSOREI	SFLCSREI	SFLCSYEI
Light Almond	SFLCSAQLA	SFLCSBELA	SFLCSBKLA	SFLCSBLA	SFLCSGNLA	SFLCSORLA	SFLCSRLA	SFLCSYLA
Office White	SFLCSAQOW	SFLCSBEOW	SFLCSBKOW	SFLCSBOW	SFLCSGNOW	SFLCSOROW	SFLCSROW	SFLCSYOW
White	SFLCSAQW	SFLCSBEW	SFLCSBKW	SFLCSBW	SFLCSGNW	SFLCSORW	SFLCSRW	SFLCSYW

SC Simplex Keystone Adapters

Flush Mount, Zirconia Ceramic

Housing Color	Adapter Color							
	Aqua	Beige	Black	Blue	Green	Orange	Red	Yellow
Almond	SFFSCSAQAL	SFFSCSBEAL	SFFSCSBKAL	SFFSCSBAL	SFFSCSGNAL	SFFSCSORAL	SFFSCSRAL	SFFSCSYAL
Black	SFFSCSAQBK	SFFSCSBEBK	SFFSCSBKBK	SFFSCSBBK	SFFSCSGNBK	SFFSCSORBK	SFFSCSRBK	SFFSCSYBK
Gray	SFFSCSAQG	SFFSCSBEG	SFFSCSBKG	SFFSCSBG	SFFSCSGNG	SFFSCSORG	SFFSCSRG	SFFSCSYG
Ivory	SFFSCSAQEI	SFFSCSBEEI	SFFSCSBKEI	SFFSCSBEI	SFFSCSGNEI	SFFSCSOREI	SFFSCSREI	SFFSCSYEI
Light Almond	SFFSCSAQLA	SFFSCSBELA	SFFSCSBKLA	SFFSCSBLA	SFFSCSGNLA	SFFSCSORLA	SFFSCSRLA	SFFSCSYLA
Office White	SFFSCSAQOW	SFFSCSBEOW	SFFSCSBKOW	SFFSCSBOW	SFFSCSGNOW	SFFSCSOROW	SFFSCSROW	SFFSCSYOW
White	SFFSCSAQW	SFFSCSBEW	SFFSCSBKW	SFFSCSBW	SFFSCSGNW	SFFSCSORW	SFFSCSRW	SFFSCSYW

Standard, Zirconia Ceramic

Housing Color	Adapter Color							
	Aqua	Beige	Black	Blue	Green	Orange	Red	Yellow
Almond	SFSCSAQAL	SFSCSBEAL	SFSCSBKAL	SFSCSBAL	SFSCSGNAL	SFSCSORAL	SFSCSRAL	SFSCSYAL
Black	SFSCSAQBK	SFSCSBEBK	SFSCSBKBK	SFSCSBBK	SFSCSGNBK	SFSCSORBK	SFSCSRBK	SFSCSYBK
Gray	SFSCSAQG	SFSCSBEG	SFSCSBKG	SFSCSBG	SFSCSGNG	SFSCSORG	SFSCSRG	SFSCSYG
Ivory	SFSCSAQEI	SFSCSBEEI	SFSCSBKEI	SFSCSBEI	SFSCSGNEI	SFSCSOREI	SFSCSREI	SFSCSYEI
Light Almond	SFSCSAQLA	SFSCSBELA	SFSCSBKLA	SFSCSBLA	SFSCSGNLA	SFSCSORLA	SFSCSRLA	SFSCSYLA
Office White	SFSCSAQOW	SFSCSBEOW	SFSCSBKOW	SFSCSBOW	SFSCSGNOW	SFSCSOROW	SFSCSROW	SFSCSYOW
White	SFSCSAQW	SFSCSBEW	SFSCSBKW	SFSCSBW	SFSCSGNW	SFSCSORW	SFSCSRW	SFSCSYW

Note: Any green zirconia LC or SC adapter is suitable for APC applications.

| MT-RJ Standard SFMTRJ | MT-RJ Flush Mount FAMTRJK | ST Simplex, Standard SFSTOW | ST to SC Simplex, Standard SFSCSTSOW | MPO Flush Mount SFFMTPBKOW |

MT-RJ Keystone Adapters

Housing Color	Standard	Flush Mount
Almond	**SFMTRJAL**	**FAMTRJKAL**
Black	**SFMTRJBK**	**FAMTRJKBK**
Gray	**SFMTRJG**	**FAMTRJKGY**
Ivory	**SFMTRJEI**	**FAMTRJKEI**
Light Almond	**SFMTRJLA**	**FAMTRJKLA**
Office White	**SFMTRJ**	**FAMTRJK**
Orange	**–**	**FAMTRJKO**
White	**SFMTRJW**	**FAMTRJKW**

ST-Style to SC Simplex Keystone Adapters

Housing Color	Zirconia Ceramic
Almond	**SFSCSTSAL**
Black	**SFSCSTSBK**
Gray	**SFSCSTSG**
Ivory	**SFSCSTSEI**
Light Almond	**SFSCSTSLA**
Office White	**SFSCSTSOW**
White	**SFSCSTSW**

Note: Adapter is blue

ST-Style Keystone Adapters

Housing Color	Zirconia Ceramic
Almond	**SFSTSAL**
Black	**SFSTSBK**
Gray	**SFSTSG**
Ivory	**SFSTSEI**
Light Almond	**SFSTSLA**
Office White	**SFSTSOW**
White	**SFSTSW**

Note: Adapter is black oxide

MPO Flush Mount Keystone Adapters

Housing Color	Adapter Color			
	Aqua	Beige	Black	Green
Almond	**SFFMTPAQAL**	**SFFMTPBEAL**	**SFFMTPBKAL**	**SFFMTPGNAL**
Black	**SFFMTPAQBK**	**SFFMTPBEBK**	**SFFMTPBKBK**	**SFFMTPGNBK**
Gray	**SFFMTPAQG**	**SFFMTPBEG**	**SFFMTPBKG**	**SFFMTPGNG**
Ivory	**SFFMTPAQEI**	**SFFMTPBEEI**	**SFFMTPBKEI**	**SFFMTPGNEI**
Light Almond	**SFFMTPAQLA**	**SFFMTPBELA**	**SFFMTPBKLA**	**SFFMTPGNLA**
Office White	**SFFMTPAQOW**	**SFFMTPBEOW**	**SFFMTPBKOW**	**SFFMTPGNOW**
White	**SFFMTPAQW**	**SFFMTPBEW**	**SFFMTPBKW**	**SFFMTPGNW**

LC Duplex, Snap Mount FALCDS6B	LC Duplex, Screw Mount FALCDSS6AQ	SC Duplex, Snap Mount FASCDSC6GN	SC Duplex, Screw Mount FASCDSS6B	SC Simplex, Snap Mount FASCSSC12B

LC Adapters

LC Duplex; recommended cut out: 0.525" X 0.390"

Color	Snap mount, clip installed (6-pack), zirconia ceramic sleeve	Screw mount, clip installed, mounting screws included (6-pack), zirconia ceramic sleeve
Aqua	**FALCDSC6AQ**	**FALCDSS6AQ**
Beige	**FALCDSC6BE**	**FALCDSS6BE**
Black	**FALCDSC6BK**	**FALCDSS6BK**
Blue	**FALCDSC6B**	**FALCDSS6B**
Green	**FALCDSC6GN**	**FALCDSS6GN**
Orange	**FALCDSC6OR**	**FALCDSS6OR**
Red	**FALCDSC6R**	**FALCDSS6R**
Yellow	**FALCDSC6Y**	**FALCDSS6Y**

LC Quad; recommended cut out: 1.024" X 0.375"

Aqua	**FALCQSC6AQ**	**FALCQSS6AQ**
Beige	**FALCQSC6BE**	**FALCQSS6BE**
Black	**FALCQSC6BK**	**FALCQSS6BK**
Blue	**FALCQSC6B**	**FALCQSS6B**
Green	**FALCQSC6GN**	**FALCQSS6GN**
Orange	**FALCQSC6OR**	**FALCQSS6OR**
Red	**FALCQSC6R**	**FALCQSS6R**
Yellow	**FALCQSC6Y**	**FALCQSS6Y**

Note: Any green zirconia LC or SC adapter is suitable for APC applications.

SC Adapters

SC Duplex; recommended cut out: 1.024" X 0.375"

Color	Snap mount, clip installed (6-pack), zirconia ceramic sleeve	Screw mount, clip installed, mounting screws included (6-pack), zirconia ceramic sleeve
Aqua	**FASCDSC6AQ**	**FASCDSS6AQ**
Beige	**FASCDSC6BE**	**FASCDSS6BE**
Black	**FASCDSC6BK**	**FASCDSS6BK**
Blue	**FASCDSC6B**	**FASCDSS6B**
Green	**FASCDSC6GN**	**FASCDSS6GN**
Orange	**FASCDSC6OR**	**FASCDSS6OR**
Red	**FASCDSC6R**	**FASCDSS6R**
Yellow	**FASCDSC6Y**	**FASCDSS6Y**

SC Simplex; recommended cut out: 0.525" X 0.390"

Aqua	**FASCSSC12AQ**	**FASCSS12AQ**
Beige	**FASCSSC12BE**	**FASCSS12BE**
Black	**FASCSSC12BK**	**FASCSS12BK**
Blue	**FASCSSC12B**	**FASCSS12B**
Green	**FASCSSC12GN**	**FASCSS12GN**
Orange	**FASCSSC12OR**	**FASCSS12OR**
Red	**FASCSSC12R**	**FASCSS12R**
Yellow	**FASCSSC12Y**	**FASCSS12Y**

Note: Any green zirconia LC or SC adapter is suitable for APC applications.

| ST Duplex, Snap Mount FASTDMPB6 | ST to SC Duplex, Snap Mount FASTSCEMPB6 | ST Simplex, Bulkhead FASTMPB12 | MT-RJ Snap Mount FAMTRJMPB6 | FC Simplex, Bulkhead FAFCSSS6 | MPO Duplex, Screw Mount FAMTPDSBK |

ST-Style Adapters

Description	Recommended Cut-Out	Color	Phosphor Bronze Sleeve	Zirconia Ceramic Sleeve
Snap mount, clip installed, ST duplex*, 6-pack	Any SC duplex 1.024" x 0.375"	Beige	**FASTDMS6**	–
		Blue	**FASTDMPB6**	–
Screw mount, clip installed, ST duplex, 6-pack	1.024" x 0.375"	Blue	–	**FASTDSS6**
Bulkhead, ST simplex, 12-pack, with nuts and washers	Dia. 0.38", flat 0.31" (Double D)	Black Oxide, Metal	**FASTMPB12**	**FASTSS12**

*These adapters can mount into unloaded FSP adapter panels (see page G11).

SC to ST-Style Adapters

Zirconia Ceramic Sleeve

Description	Recommended SC Cut-Out	Color	Simplex, 12-Pack	Duplex, 6-Pack
Snap mount, clip installed	Simplex: 0.525" x 0.390" Duplex: 1.024" x 0.375"	Blue	**FASTSCSSC12**	**FASTSCDSC6**
		Orange	**FASTSCSSC12OR**	**FASTSCDSC6OR**
		Red	**FASTSCSSC12R**	**FASTSCDSC6R**
		Yellow	**FASTSCSSC12Y**	**FASTSCDSC6Y**

Phosphor Bronze Sleeve

Screw mount, clip installed	Duplex: 1.024" x 0.375"	Blue	–	**FASTSCMPB6**

MPO Simplex Adapters

Standard Polarity

Description	Recommended MPO Simplex Cut-Out	Color	Snap Mount	Screw Mount
Fits any SC simplex cut-out, 6-pack, compatible with 12- or 24-fiber MPO connectors	0.525" x 0.390"	Aqua	**FAMTPAQ**	**FAMTPSAQ**
		Beige	**FAMTPBE**	**FAMTPSBE**
		Black	**FAMTPBK**	**FAMTPSBK**
		Green	**FAMTPGN**	**FAMTPSGN**
		Violet	**FAMTPVI**	**FAMTPSVI**

Reversed Polarity

		Gray	**FAMTPRPGY**	**FAMTPSRPGY**

Note: Standard MPO polarity is key-up/key-down. Reversed polarity is key-up/key-up.

MPO Duplex Adapters

Description	Recommended SC Duplex Cut-Out	Color	Snap Mount	Screw Mount
Fits any SC duplex cut-out, 6-pack	1.024" x 0.375"	Aqua	**FAMTPDAQ**	**FAMTPDSAQ**
		Beige	**FAMTPDBE**	**FAMTPDSBE**
		Black	**FAMTPDBK**	**FAMTPDSBK**
		Green	**FAMTPDGN**	**FAMTPDSGN**
		Violet	**FAMTPDVI**	**FAMTPDSVI**

FC Adapters

Description	Recommended Cut-Out	Finish	Zirconia Ceramic Sleeve
Bulkhead, singlemode, 6-pack	Dia. 0.38", flat 0.31" (Double D)	Nickel Plated	**FAFCSS6**

MT-RJ Adapters

Description	Recommended Cut-Out	Color	Snap Mount
Snap mount, clip installed, 6-pack	0.525" x 0.390" (SC simplex)	Aqua	**FAMTRJC6AQ**
		Beige	**FAMTRJMPB6**
		Black	**FAMTRJC6BK**

Precision Cleaver
OFCLV5

Fiber Test Set
OFPM813, OFLS813

FIber Microscope
OFSCOPE1

Epoxy Termination Kit
OFTK03C

Fiber Cleavers

Description	Catalog No.
Multimode fiber only	**OFCLV3**
SM or MM fiber, CT-30 style, with case	**OFCLV4**
SM or MM fiber, precision, with case	**OFCLV5**
Replacement blade	**OFCLV5RB**

Fiber Strip Tools

Description	Catalog No.
Universal 250/900μ, 2.0, 2.5, 3.0mm cable	**OFSTRIP2**

Kevlar® Cable Scissors

Description	Catalog No.
For cutting Kevlar reinforced cables up to 24-strand, non-armored	**OFSCSRS**

Visual Fault Locators (ST, SC, LC)

Includes: batteries, LC adapter, holster, wrist strap and end protectors

Description	Catalog No.
Visual fault locator	**OFVFLKT1**
LC adapter, separate	**OFVLCADP**

TIP: Use a VFL during termination for optimum test results.

Multimode Test Set

Includes: (1) power meter, (1) dual wavelength LED source, (1) soft pouch, batteries

Description	Catalog No.
Complete tester kit	**OFPLK813A**
Power meter dual wavelength	**OFPM813**
LED light source dual wavelength, multimode	**OFLS813**

Connector Installation Tool Pouch

Includes: sapphire scribe, scribe guide, black permanent marker, carbon fiber scissors, strip template and polishing fixture, ruler, buffer/cable jacket stripper, 200X microscope assembly, crimp tool and die

Description	Catalog No.
For SC/ST-style connectors crimp or adhesive termination	**OFTP02C**

Microscope, 400X

Includes: built-in illuminator, batteries, SC/ST-style adapter, and soft pouch

Description	Catalog No.
SC/ST-style microscope	**OFSCOPE1**
LC adapter (400X microscope only)	**FOADPTLC**

Microscope, 200X (ST, SC, LC)

Includes: batteries, LC adapter, and soft pouch

Description	Catalog No.
ST, SC, LC microscope	**OFSCOPE2**

Termination Kits, Epoxy

Includes: canned air, 10oz, tool pouch (OFTP02C) with fiber and cable preparation tools, wipes, heat cure epoxy, anaerobic adhesive and primer, polishing paper, polishing pad, heat-cure epoxy oven, safety glasses, syringes, needles, cure adapters and clips

For SC/ST-style connectors	Catalog No.
16-Port (110V AC)	**OFTK03C**
8-Port (220V AC)*	**OFTK04C**

*Does not contain canned air

Field Installation Tool Kit, Epoxy and Crimp Style

Includes:
- OFSTRIP2 fiber strip tool
- OFCMT04 crimp tool
- Universal 2.5mm and 1.25mm polishing pucks
- Polishing plate
- 70 durometer polishing pad
- Polishing paper
- 200X microscope with 2.5mm and 1.25mm universal adapters
- Carbon fiber scissors
- Reversible blade carbide scribe
- Permanent marker

- Protective glasses
- Debris bottle for fiber safety
- Alcohol wipes
- Lint free cleaning wipes
- Water bottle
- Alcohol bottle
- 6" ruler
- 10" long x 7" wide x 6.25" high carrying case with the lid functioning as a portable work surface

Description	Catalog No.
Field installation tool kit for SC/ST and LC connectors	**OFTK05**

Epoxy/Crimp Termination Kit
OFTK05

Note: See PROclick® connectors on page G3 for termination tool applications.
Kevlar is a registered trademark of E. I. du Pont de Nemours and Company.

FIBER | CONNECTIVITY

Anaerobic Adhesive Kit
OFCAP

Loose Tube Break-Out Kit
OFBOKT6

Crimp Tool
OFCMT04

Scribe Tool and Guide
OFSCRIBE

Cable Management Clip
FBRMGTCLPK4

Epoxy Adhesive Kit

Includes: (6) tubes 1g, (6) syringes/needles

Description	Catalog No.
Easy mix 1g tubes	**OFCEP**

Anaerobic Adhesive Kit

Includes: Primer and adhesive, (10) syringes and (10) needles

Description	Catalog No.
Anaerobic adhesive kit cures in 6–10 seconds	**OFCAP**
Replacement bottle of primer only	**OFPRIME**

Epoxy Cure Adapters

Includes: package of (6) adapters for heat cure oven

Description	Catalog No.
SC/ST-style	**OFCA**
LC	**OFCALC**

Loose Tube OSP Cable Break-Out Kits

Includes: tube kit, break-out block and crimp bushing

Description	Catalog No.
6-fiber break-out kit	**OFBOKT6**
12-fiber break-out kit	**OFBOKT12**

Fiber Cable Management Radius Clips

Includes: pack of (4) self-adhering clips with bend radius control element

Description	Catalog No.
Cable clips	**FBRMGTCLPK4**

LC Duplex Connector Extraction Tool

Includes: (1) tool, individually packaged, ideal for servicing high density interconnections

Description	Catalog No.
Connector extraction tool	**OFLCDTOOL1**

Crimp Tool

Dual hex cavity: 0.178"/0.151", flat crimp 0.052", hex crimp 0.136", hardened die

Description	Catalog No.
For SC/ST-style epoxy/ anaerobic or crimp style connectors	**OFCMT04**
Crimp dies	**OFCMD04**

Hand Scribe Tool

Includes: (1) tool and scribe guide

Description	Catalog No.
Sapphire blade	**OFSCRIBE**

Scribe Guide Fixture

6-pack

Description	Catalog No.
Suitable for SC, ST-style, or LC connectors	**OFSG**

Polishing Fixture

Includes: (1) stainless steel puck, polished surface; SC/ST-style or LC compatible

Description	Catalog No.
SC/ST-style	**OFPUCK**
LC	**OFPUCKLC**

Polishing Film

Includes: (25) each of 5μ, 1μ and 0.3μ sheets, (1) polishing pad

Description	Catalog No.
Replacement kit	**OFLFP**

OPTISOK® Pulling Grips

Bundle Size Range	Catalog No.
0.125–0.562"	**CCPS1**
0.250–0.750"	**CCPS2**
0.750–1.750"	**CCPS3**

Fusion Splice Sleeves

25-pack

Description	Catalog No.
40mm length, 10mm cleave	**FSHST401025**
12-fiber ribbon	**FRSHST401025**

Fiber Management Spool

2-pack

Description	Catalog No.
Adhesive mount, yellow	**OFSPOOLPK2**

Fusion Splice Trays

Description	Catalog No.
Aluminum, 12-fiber	**STRAY12F**
Aluminum, 24-fiber	**STRAY24F**
Plastic, yellow, 24-fiber	**OFSPLKT24F**

Cleaning Kit without
Clicker Cleaners
OFCLEANKT1

Cleaning Kit with
Clicker Cleaners
OFCLEANKT2

Clicker Cleaner
LC/MU/APC
OFCLICK750LC

Cleaning Sticks
SC/FC/APC
OFSTIX50SC

Cloth Wipes
Cartridge
OFWIPES400

FIBER | CONNECTIVITY

Cleaning Kit 1 without Sticklers® CleanClicker®

Includes:
- Optical fiber cleaning fluid, 3oz, non-hazardous
- (2) packs of 50 LC/MU cleaning sticks
- (2) packs of 50 SC/FC cleaning sticks
- (1) box of 400 lint-free wipes
- (1) dispenser of 90 lint-free wipes
- Instructions on product packaging
- Protective carrying bag

Description	Catalog No.
Cleaning kit without clickers	**OFCLEANKT1**

Cleaning Kit 2 with Sticklers® CleanClicker®

Includes:
- LC/MU clicker cleaner, 750 clicks
- SC/FC clicker cleaner, 750 clicks
- MPO clicker cleaner, 600 clicks
- Optical fiber cleaning fluid, 3oz, non-hazardous
- (2) packs of 50 LC/MU cleaning sticks
- (2) packs of 50 SC/FC cleaning sticks
- (1) box of 400 lint-free wipes
- (1) dispenser of 90 lint-free wipes
- Instructions on product packaging
- Protective carrying bag

Description	Catalog No.
Cleaning kit with LC, SC, MPO clickers	**OFCLEANKT2**

Sticklers® CleanClicker®, SC/ST/FC/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
2.5mm, SC/FC/APC	**OFCLICK750SC**

Sticklers® CleanClicker®, LC/MU/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
2.5mm, LC/MU/APC	**OFCLICK750LC**

Sticklers® CleanClicker®, MPO/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
MPO male, female, flat/APC	**OFCLICK600MPO**

Sticklers® CleanStixx™, LC/MU/APC

Includes: (1) pack of 50 disposable cleaning sticks

Description	Catalog No.
LC/MU/APC 1.25mm port cleaning sticks	**OFSTIX50LC**

Sticklers® CleanStixx™, SC/ST/FC/APC

Includes: (1) pack of 50 disposable cleaning sticks

Description	Catalog No.
SC/FC/APC 2.50mm port cleaning sticks	**OFSTIX50SC**

Sticklers® Cleaning Fluid, Optical

Includes: (1) 3oz pump dispenser

Description	Catalog No.
3oz cleaning fluid, pump, non-hazardous	**OFCLEANER3OZ**

Sticklers® CleanWipes™, Cartridge

Includes: (1) 4-slot box

Description	Catalog No.
Box of 100 lint-free sheets, 4 wipes/sheet	**OFWIPES400**

Sticklers® CleanWipes™, Dispenser

Includes: (1) roll of 90 sheets

Description	Catalog No.
Tube of 90 lint-free sheets, multi-purpose	**OFWIPES90**

Sticklers, CleanClicker, CleanStixx and CleanWipes are trademarks of MicroCare.

FIBER | Assemblies

The expanded line of Hubbell pre-terminated fiber assemblies includes labor-saving BIDnet engineered trunks, cords, hydras and pigtails. The Hubbell BIDnet program is a custom quote and made-to-order service, featuring premium quality cable and components, assembled locally for quick, reliable delivery. All Hubbell fiber assemblies, patch cords and pigtails are made with quality components and are 100% factory tested.

FIBER | Assemblies

FIBER | ASSEMBLIES

LC to LC, OS2
DFPCLCLCS1SM

LC to LC, OM3
DFPCLCLCE1MM

LCA to LCA, OS2
DFPCLCALCAS1SM

LC to SC, OM3
DFPCLCSCE1MM

LC to SC, OS2
DFPCLCSCS1SM

LC Duplex Patch Cords

Multimode, Riser

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
LC to LC, 50, OM4	AQ	**DFRCLCLCF1MM**	**DFRCLCLCF2MM**	**DFRCLCLCF3MM**	**DFRCLCLCF5MM**
LC to SC, 50, OM4	AQ	**DFRCLCSCF1MM**	**DFRCLCSCF2MM**	**DFRCLCSCF3MM**	**DFRCLCSCF5MM**
LC to LC, 50, OM3	AQ	**DFRCLCLCE1MM**	**DFRCLCLCE2MM**	**DFRCLCLCE3MM**	**DFRCLCLCE5MM**
LC to SC, 50, OM3	AQ	**DFRCLCSCE1MM**	**DFRCLCSCE2MM**	**DFRCLCSCE3MM**	**DFRCLCSCE5MM**
LC to LC, 50, OM2	OR	**DFRCLCLCD1MM**	**DFRCLCLCD2MM**	**DFRCLCLCD3MM**	**DFRCLCLCD5MM**
LC to SC, 50, OM2	OR	**DFRCLCSCD1MM**	**DFRCLCSCD2MM**	**DFRCLCSCD3MM**	**DFRCLCSCD5MM**
LC to LC, 62.5, OM1	OR	**DFRCLCLCC1MM**	**DFRCLCLCC2MM**	**DFRCLCLCC3MM**	**DFRCLCLCC5MM**
LC to SC, 62.5, OM1	OR	**DFRCLCSCC1MM**	**DFRCLCSCC2MM**	**DFRCLCSCC3MM**	**DFRCLCSCC5MM**
LC to ST, 62.5, OM1	OR	**DFRCLCSTC1MM**	**DFRCLCSTC2MM**	**DFRCLCSTC3MM**	**DFRCLCSTC5MM**

Singlemode, Riser

Description	Cable Color	1m	2m	3m	5m
LC to LC, singlemode, OS2	YL	**DFRCLCLCS1SM**	**DFRCLCLCS2SM**	**DFRCLCLCS3SM**	**DFRCLCLCS5SM**
LC/APC to LC/APC, singlemode, OS2	YL	**DFRCLCALCAS1SM**	**DFRCLCALCAS2SM**	**DFRCLCALCAS3SM**	**DFRCLCALCAS5SM**
LC/APC to SC/APC, singlemode, OS2	YL	**DFRCLCASCAS1SM**	**DFRCLCASCAS2SM**	**DFRCLCASCAS3SM**	**DFRCLCASCAS5SM**
LC to ST, singlemode, OS2	YL	**DFRCLCSTS1SM**	**DFRCLCSTS2SM**	**DFRCLCSTS3SM**	**DFRCLCSTS5SM**
LC to SC, singlemode, OS2	YL	**DFRCLCSCS1SM**	**DFRCLCSCS2SM**	**DFRCLCSCS3SM**	**DFRCLCSCS5SM**

Standard Riser lengths: 1 to 10 meters. LC/APC lengths: 1 to 5, and 10 meters. Custom lengths quoted to order.

Multimode, Plenum

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
LC to LC, 50, OM4	AQ	**DFPCLCLCF1MM**	**DFPCLCLCF2MM**	**DFPCLCLCF3MM**	**DFPCLCLCF5MM**
LC to SC, 50, OM4	AQ	**DFPCLCSCF1MM**	**DFPCLCSCF2MM**	**DFPCLCSCF3MM**	**DFPCLCSCF5MM**
LC to LC, 50, OM3	AQ	**DFPCLCLCE1MM**	**DFPCLCLCE2MM**	**DFPCLCLCE3MM**	**DFPCLCLCE5MM**
LC to SC, 50, OM3	AQ	**DFPCLCSCE1MM**	**DFPCLCSCE2MM**	**DFPCLCSCE3MM**	**DFPCLCSCE5MM**
LC to LC, 50, OM2	OR	**DFPCLCLCD1MM**	**DFPCLCLCD2MM**	**DFPCLCLCD3MM**	**DFPCLCLCD5MM**
LC to SC, 50, OM2	OR	**DFPCLCSCD1MM**	**DFPCLCSCD2MM**	**DFPCLCSCD3MM**	**DFPCLCSCD5MM**
LC to LC, 62.5, OM1	OR	**DFPCLCLCC1MM**	**DFPCLCLCC2MM**	**DFPCLCLCC3MM**	**DFPCLCLCC5MM**
LC to SC, 62.5, OM1	OR	**DFPCLCSCC1MM**	**DFPCLCSCC2MM**	**DFPCLCSCC3MM**	**DFPCLCSCC5MM**
LC to ST, 62.5, OM1	OR	**DFPCLCSTC1MM**	**DFPCLCSTC2MM**	**DFPCLCSTC3MM**	**DFPCLCSTC5MM**

Singlemode, Plenum

Description	Cable Color	1m	2m	3m	5m
LC to LC, singlemode, OS2	YL	**DFPCLCLCS1SM**	**DFPCLCLCS2SM**	**DFPCLCLCS3SM**	**DFPCLCLCS5SM**
LC/APC to LC/APC, singlemode, OS2	YL	**DFPCLCALCAS1SM**	**DFPCLCALCAS2SM**	**DFPCLCALCAS3SM**	**DFPCLCALCAS5SM**
LC/APC to SC/APC, singlemode, OS2	YL	**DFPCLCASCAS1SM**	**DFPCLCASCAS2SM**	**DFPCLCASCAS3SM**	**DFPCLCASCAS5SM**
LC to ST, singlemode, OS2	YL	**DFPCLCSTS1SM**	**DFPCLCSTS2SM**	**DFPCLCSTS3SM**	**DFPCLCSTS5SM**
LC to SC, singlemode, OS2	YL	**DFPCLCSCS1SM**	**DFPCLCSCS2SM**	**DFPCLCSCS3SM**	**DFPCLCSCS5SM**

Standard Plenum lengths: 1 to 25 meters. LC/APC lengths: 1 to 5, and 10 meters. Custom lengths quoted to order.

FIBER | ASSEMBLIES

HD LC Uniboot, OM3
HDPCLC50G3M1

MSFP to LC, OM3
MSFPLC50G3M1

HD LC Uniboot, OS2
HDPCLCSM1

HC LC to SC, OS2
HDPCLCSCSM1

MU TO MU, OS2
HDPCMUMUS1

High Density LC Uniboot Patch Cords

Plenum

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
LC to LC, 50, OM3	AQ	**HDPCLC50G3M1**	**HDPCLC50G3M2**	**HDPCLC50G3M3**	**HDPCLC50G3M5**
LC to SC, 50, OM3	AQ	**HDPCLCSC50G3M1**	**HDPCLCSC50G3M2**	**HDPCLCSC50G3M3**	**HDPCLCSC50G3M5**
LC to LC, 50, OM4	AQ	**HDPCLC50G4M1**	**HDPCLC50G4M2**	**HDPCLC50G4M3**	**HDPCLC50G4M5**
LC to SC, 50, OM4	AQ	**HDPCLCSC50G4M1**	**HDPCLCSC50G4M2**	**HDPCLCSC50G4M3**	**HDPCLCSC50G4M5**
LC to LC, SM, OS2	YL	**HDPCLCSM1**	**HDPCLCSM2**	**HDPCLCSM3**	**HDPCLCSM5**
LC to SC, SM, OS2	YL	**HDPCLCSCSM1**	**HDPCLCSCSM2**	**HDPCLCSCSM3**	**HDPCLCSCSM5**

Standard lengths: 1 to 5, 6, 8 and 10 meters. Custom lengths quoted to order.

MSFP to LC Patch Cords

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
MSFP to LC, 50, OM3	AQ	**MSFPLC50G3M1**	**MSFPLC50G3M2**	**MSFPLC50G3M3**	**MSFPLC50G3M5**
MSFP to LC, 50, OM4	AQ	**MSFPLC50G4M1**	**MSFPLC50G4M2**	**MSFPLC50G4M3**	**MSFPLC50G4M5**

Note: MSFP pitch is 5.25mm. Standard LC duplex pitch is 6.25mm.
Standard lengths: 1 to 5, 6, 8 and 10 meters. Custom lengths quoted to order.

MU to MU Duplex Patch Cords

Description	Boot Color	Connector Color	Length			
			1m	2m	3m	5m
MU to MU	BL	BR	**HDPCMUMUS1**	**HDPCMUMUS2**	**HDPCMUMUS3**	**HDPCMUMUS5**
			10ft	20ft	30ft	50ft
MU to MU	BL	BR	**HDPCMUMUS10F**	**HDPCMUMUS20F**	**HDPCMUMUS30F**	**HDPCMUMUS50F**

Standard lengths: 1, 2, 3, 5, 10, 15, 20 meters. Various lengths in feet available between 10 and 75 feet.

FIBER | ASSEMBLIES

ST to SC, OS2
DFRCSTSCS1SM

SC to SC, OS2
DFRCSCSCS1SM

SC to SC, OM3
DFRCSCSCE1MM

SCA to SCA, OS2
DFRCSCASCAS1SM

SC to SC Patch Cords

Duplex/Multimode, Riser

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
SC to SC, 62.5, OM1	OR	DFRCSCSCC1MM	DFRCSCSCC2MM	DFRCSCSCC3MM	DFRCSCSCC5MM
SC to SC, 50, OM2	OR	DFRCSCSCD1MM	DFRCSCSCD2MM	DFRCSCSCD3MM	DFRCSCSCD5MM
SC to SC, 50, OM3	AQ	DFRCSCSCE1MM	DFRCSCSCE2MM	DFRCSCSCE3MM	DFRCSCSCE5MM
Duplex/Singlemode, Riser					
SC to SC, SM, OS2	YL	DFRCSCSCS1SM	DFRCSCSCS2SM	DFRCSCSCS3SM	DFRCSCSCS5SM
SCA to SCA, OS2, APC	YL	DFRCSCASCAS1SM	DFRCSCASCAS2SM	DFRCSCASCAS3SM	DFRCSCASCAS5SM
Duplex/Multimode, Plenum					
SC to SC, 62.5, OM1	OR	DFPCSCSCC1MM	DFPCSCSCC2MM	DFPCSCSCC3MM	DFPCSCSCC5MM
SC to SC, 50, OM2	OR	DFPCSCSCD1MM	DFPCSCSCD2MM	DFPCSCSCD3MM	DFPCSCSCD5MM
SC to SC, 50, OM3	AQ	DFPCSCSCE1MM	DFPCSCSCE2MM	DFPCSCSCE3MM	DFPCSCSCE5MM
Duplex/Singlemode, Plenum					
SC to SC, SM, OS2	YL	DFPCSCSCS1SM	DFPCSCSCS2SM	DFPCSCSCS3SM	DFPCSCSCS5SM
SCA to SCA, OS2, APC	YL	DFPCSCASCAS1SM	DFPCSCASCAS2SM	DFPCSCASCAS3SM	DFPCSCASCAS5SM

Standard Riser lengths: 1 to 10 meters. SC/APC lengths: 1 to 5, and 10 meters.
Standard Plenum lengths: 1 to 25 meters. SC/APC lengths: 1 to 5, and 10 meters.

ST to SC Patch Cords

Duplex/Multimode, Riser

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
ST to SC, 62.5, OM1	OR	DFRCSTSCC1MM	DFRCSTSCC2MM	DFRCSTSCC3MM	DFRCSTSCC5MM
ST to SC, 50, OM2	OR	DFRCSTSCD1MM	DFRCSTSCD2MM	DFRCSTSCD3MM	DFRCSTSCD5MM
ST to SC, 50, OM3	AQ	DFRCSTSCE1MM	DFRCSTSCE2MM	DFRCSTSCE3MM	DFRCSTSCE5MM
Duplex/Singlemode, Riser					
ST to SC, SM, OS2	YL	DFRCSTSCS1SM	DFRCSTSCS2SM	DFRCSTSCS3SM	DFRCSTSCS5SM
Duplex/Multimode, Plenum					
ST to SC, 62.5, OM1	OR	DFPCSTSCC1MM	DFPCSTSCC2MM	DFPCSTSCC3MM	DFPCSTSCC5MM
ST to SC, 50, OM2	OR	DFPCSTSCD1MM	DFPCSTSCD2MM	DFPCSTSCD3MM	DFPCSTSCD5MM
ST to SC, 50, OM3	AQ	DFPCSTSCE1MM	DFPCSTSCE2MM	DFPCSTSCE3MM	DFPCSTSCE5MM
Duplex/Singlemode, Plenum					
ST to SC, SM, OS2	YL	DFPCSTSCS1SM	DFPCSTSCS2SM	DFPCSTSCS3SM	DFPCSTSCS5SM

Standard Riser lengths: 1 to 10 meters.
Standard Plenum lengths: 1 to 25 meters.

FCA to SCA, OS2
DFRCFCASCAS1SM

ST to ST, OM1
DFRCSTSTC1MM

FC to FC, OS2
DFRCFCFCS1SM

SC to ST-style, OS2
DFRCSTSCS1SM

LCA to FCA, OS2
DFRCLCAFCAS1SM

ST to ST Patch Cords

Duplex/Multimode, Riser

Description	Cable Color	Length (meters)			
		2m	3m	5m	10m
ST to ST, 62.5, OM1	OR	**DFRCSTSTC2MM**	**DFRCSTSTC3MM**	**DFRCSTSTC5MM**	**DFRCSTSTC10MM**
ST to ST, 50, OM2	OR	**DFRCSTSTD2MM**	**DFRCSTSTD3MM**	**DFRCSTSTD5MM**	**DFRCSTSTD10MM**
ST to ST, 50, OM3	AQ	**DFRCSTSTE2MM**	**DFRCSTSTE3MM**	**DFRCSTSTE5MM**	**DFRCSTSTE10MM**
Duplex/Singlemode, Riser					
ST to ST, SM, OS2	YL	**DFRCSTSTS2SM**	**DFRCSTSTS3SM**	**DFRCSTSTS5SM**	**DFRCSTSTS10SM**
Duplex/Multimode, Plenum					
ST to ST, 62.5, OM1	OR	**DFPCSTSTC2MM**	**DFPCSTSTC3MM**	**DFPCSTSTC5MM**	**DFPCSTSTC10MM**
ST to ST, 50, OM2	OR	**DFPCSTSTD2MM**	**DFPCSTSTD3MM**	**DFPCSTSTD5MM**	**DFPCSTSTD10MM**
ST to ST, 50, OM3	AQ	**DFPCSTSTE2MM**	**DFPCSTSTE3MM**	**DFPCSTSTE5MM**	**DFPCSTSTE10MM**
Duplex/Singlemode, Plenum					
ST to ST, SM, OS2	YL	**DFPCSTSTS2SM**	**DFPCSTSTS3SM**	**DFPCSTSTS5SM**	**DFPCSTSTS10SM**

Standard Riser lengths: 1 to 10 meters.
Standard Plenum lengths: 1 to 25 meters.

FC Patch Cords

Duplex/Singlemode, Riser

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
FC to FC, SM, OS2	YL	**DFRCFCFCS1SM**	**DFRCFCFCS2SM**	**DFRCFCFCS3SM**	**DFRCFCFCS5SM**
FCA to FCA, SM, APC	YL	**DFRCFCAFCAS1SM**	**DFRCFCAFCAS2SM**	**DFRCFCAFCAS3SM**	**DFRCFCAFCAS5SM**
FCA to SCA, SM, APC	YL	**DFRCFCASCAS1SM**	**DFRCFCASCAS2SM**	**DFRCFCASCAS3SM**	**DFRCFCASCAS5SM**
FCA to LCA, SM, APC	YL	**DFRCLCAFCA1SM**	**DFRCLCAFCA2SM**	**DFRCLCAFCA3SM**	**DFRCLCAFCA5SM**
Duplex/Singlemode, Plenum					
FC to FC, SM, OS2	YL	**DFPCFCFCS1SM**	**DFPCFCFCS2SM**	**DFPCFCFCS3SM**	**DFPCFCFCS5SM**
FCA to FCA, SM, APC	YL	**DFPCFCAFCAS1SM**	**DFPCFCAFCAS2SM**	**DFPCFCAFCAS3SM**	**DFPCFCAFCAS5SM**
FCA to SCA, SM, APC	YL	**DFPCFCASCAS1SM**	**DFPCFCASCAS2SM**	**DFPCFCASCAS3SM**	**DFPCFCASCAS5SM**
FCA to LCA, SM, APC	YL	**DFPCLCAFCA1SM**	**DFPCLCAFCA2SM**	**DFPCLCAFCA3SM**	**DFPCLCAFCA5SM**

Standard lengths: 1 to 5, and 10 meters.

Contact Hubbell Premise Wiring for quotation of any specialty patch cord requirements.

FIBER | ASSEMBLIES

LC/APC to LC/APC	LC/APC to SC/APC	LC/APC to FC/APC	SC/APC to SC/APC	FC to FC	SC/APC to FC/APC
SFRCLCALCAS1SM	SFRCLCASCAS1SM	SFRCLCAFCAS1SM	SFRCSCASCAS1SM	SFRCFCFCS1SM	SFRCSCAFCAS1SM

LC Simplex Patch Cord Combinations

Singlemode, OS2, Riser, Yellow cable

Description	Boot Colors	Length (meters)			
		1m	2m	3m	5m
LC/UPC to LC/UPC	W-W	SFRCLCLCS1SM	SFRCLCLCS2SM	SFRCLCLCS3SM	SFRCLCLCS5SM
LC/UPC to SC/UPC	W-BL	SFRCLCSCS1SM	SFRCLCSCS2SM	SFRCLCSCS3SM	SFRCLCSCS5SM
LC/UPC to SC/APC	W-GN	SFRCLCSCAS1SM	SFRCLCSCAS2SM	SFRCLCSCAS3SM	SFRCLCSCAS5SM
LC/UPC to ST/UPC	W-BL	SFRCLCSTS1SM	SFRCLCSTS2SM	SFRCLCSTS3SM	SFRCLCSTS5SM
LC/UPC to FC/UPC	W-BL	SFRCLCFCS1SM	SFRCLCFCS2SM	SFRCLCFCS3SM	SFRCLCFCS5SM
LC/APC to LC/APC	GN-GN	SFRCLCALCAS1SM	SFRCLCALCAS2SM	SFRCLCALCAS3SM	SFRCLCALCAS5SM
LC/APC to LC/UPC	GN-W	SFRCLCLCAS1SM	SFRCLCLCAS2SM	SFRCLCLCAS3SM	SFRCLCLCAS5SM
LC/APC to SC/APC	GN-GN	SFRCLCASCAS1SM	SFRCLCASCAS2SM	SFRCLCASCAS3SM	SFRCLCASCAS5SM
LC/APC to FC/APC	GN-GN	SFRCLCAFCAS1SM	SFRCLCAFCAS2SM	SFRCLCAFCAS3SM	SFRCLCAFCAS5SM

Standard lengths: 1 to 5, and 10 meters.

SC, FC and ST Simplex Patch Cord Combinations

Singlemode, OS2, Riser, Yellow cable

Description	Boot Colors	Length (meters)			
		1m	2m	3m	5m
SC/UPC to SC/UPC	BL-BL	SFRCSCSCS1SM	SFRCSCSCS2SM	SFRCSCSCS3SM	SFRCSCSCS5SM
FC/UPC to SC/UPC	BL-BL	SFRCFCSCS1SM	SFRCFCSCS2SM	SFRCFCSCS3SM	SFRCFCSCS5SM
SC/UPC to ST/UPC	BL-BL	SFRCSTSCS1SM	SFRCSTSCS2SM	SFRCSTSCS3SM	SFRCSTSCS5SM
SC/APC to SC/APC	GN-GN	SFRCSCASCAS1SM	SFRCSCASCAS2SM	SFRCSCASCAS3SM	SFRCSCASCAS5SM
FC/APC to SC/APC	GN-GN	SFRCFCASCAS1SM	SFRCFCASCAS2SM	SFRCFCASCAS3SM	SFRCFCASCAS5SM
FC/UPC to FC/UPC	BL-BL	SFRCFCFCS1SM	SFRCFCFCS2SM	SFRCFCFCS3SM	SFRCFCFCS5SM
FC/APC to FC/APC	GN-GN	SFRCFCAFCAS1SM	SFRCFCAFCAS2SM	SFRCFCAFCAS3SM	SFRCFCAFCAS5SM
ST/UPC to ST/UPC	BL-BL	SFRCSTSTS1SM	SFRCSTSTS2SM	SFRCSTSTS3SM	SFRCSTSTS5SM

Standard lengths: 1 to 5, and 10 meters.

LC Mesh Bundle Trunk, OM3, 48-Strand

LC Fan-Out Trunk, OM3, 48-Strand

Standards

- TIA-568.3
- TIA-604-FOCIS
- Telcordia GR-326-CORE, Telcordia GR-409
- ANSI/ICEA S-83-596
- IEEE 802.3: 10G, 40G, 100G applications

MPO Connector Specifications

- Gender: female has no alignment pins; male has pins
- MM insertion loss: <0.50dB typical
- SM insertion loss: <0.55dB (0.35dB typical)
- MM return loss: >26dB
- SM return loss: >50dB (UPC), >65dB (APC)
- Polarity: Type A, B or C

Single Fiber Connector Specifications

- MM insertion loss: <0.50dB (0.35dB typical)
- SM insertion loss: <0.35dB (0.15dB typical)
- MM return loss: >26dB
- SM return loss: >50dB (UPC), >65dB (APC)
- Ferrule material: zirconia ceramic
- Mating durability: 500 cycles

MPO 48-Strand, OM3

MPO 12-Strand, OS2

MPO-LC Hydra, OM3

40Gb/s and 100Gb/s MPO Fiber Cord Options

- Connectors: MPO male or female, 12-fiber (40G) or 24-fiber (100G)
- Fiber types: OM3, OM4
- 40Gb/s fiber strand count: 12, 24, 48, 72 and 96 fibers
- 100Gb/s fiber strand count: 24, 48, 72 and 96 fibers
- Cable: Plenum or Riser
- Polarity: 40GBASE-SR4 or 100GBASESR10

MPO Fiber Cord Options

- Connectors: MPO male or female
- Fiber types: OM1, OM2, OM3, OM4, OS2
- Fiber strand count: 12, 24, 48, 72, 96 and 144 fibers
- Cable: Plenum or Riser, armored or non-armored
- Polarity: TIA-568C.3 Type A, B or C

Mesh Bundle Trunk Options

2.0mm duplex zip cord

- Connectors: LC/APC, MSFP, SC, SC/APC, ST, FC, FC/APC
- Fiber types: OM1, OM2, OM3, OM4, OS2
- Fiber strand count: 6, 12, 24, 48, 72 and 96 fibers
- Cable: Plenum or Riser
- Outer sheath: polyester mesh

Transition Hydra Assembly Options

- Connectors: MTP female to LC or SC duplex
- Fiber types: 50/OM3, 50/OM4, SM/052
- Fiber strand count: 12, 24 and 48 fibers
- Cable: Plenum, Riser or LSZH (armored or non-armored)
- Polarity: TIA-568C.3, Type A, B or C

Distribution Fan-Out Trunk Options

- Connectors: LC/APC, MSFP, SC, SC/APC, ST, FC, FC/APC
- Fiber types: OM1, OM2, OM3, OM4, OS2
- Fiber strand count: 6, 12, 24, 48, 72 and 96 fibers
- Cable: Plenum or Riser, armored or non-armored
- Fan-out: 2.0mm duplex furcation tubing (simplex for OS2)

Channel Application Distance Limits

- OM3 40G/100G: 100m (328ft)
- OM4 40G/100G: 150m (492ft)
- OM3/10G: 300m (984ft)
- OM4/10G: 550m (1,804ft)

All BIDnet fiber trunk assemblies are custom made-to-order items. Please call our insides sales team for price and lead time.
Refer to product literature for nomenclature and detailed design information. Application limits apply to available lengths.

FIBER | ASSEMBLIES

LC Ribbon Fan-Out, OS2, 48-strand
FRPTR48LC6SL25F

Specifications (Per End)

- MM insertion loss: <0.50dB (0.35dB typical)
- SM insertion loss: <0.35dB (0.15dB typical)
- MM return loss: >26dB
- SM return loss: >50dB (UPC), >65dB (APC)
- Ferrule material: zirconia ceramic
- Mating durability: 500 cycles

Fiber Ribbon Fan-Out Pigtails

24" break out

FRPT = Fiber Ribbon Pigtail Trunk (fan-out)
r = **R** for Riser
rj = **RJ** for Riser/un-jacketed ribbon
xx = Fiber count (**12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132** or **144**)
c = Connector type: (**LC, SC, SCA, ST, FC** or **FCA**)
n = Fiber type
   1 for 62.5 micron (OM1) multimode
   2 for 50 micron (OM2) multimode
   3 for 50 micron (OM3) multimode
   4 for 50 micron (OM4) multimode
   6 for singlemode (OS2)
m = **M** for multimode, **S** for singlemode
l = Length delimiter
y = Length overall
f = **F** for feet (leave blank for meters)

Catalog No. **FRPTrxxcnmlyf**

Example: **FRPTR48LC6SL25F**

Buffer Color Code Sequence: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua

6- and 12-Fiber Pigtail Bundles, Loose Tube

Riser, 250 micron color coded buffer, 3 meter length

12-fiber

	OM1	OM2	OM3	OM4	OS2
LC	**FPBKLTR12LC1M**	**FPBKLTR12LC2M**	**FPBKLTR12LC3M**	**FPBKLTR12LC4M**	**FPBKLTR12LC6S**
LC/APC	–	–	–	–	**FPBKLTR12LCA6S**
SC	**FPBKLTR12SC1M**	**FPBKLTR12SC2M**	**FPBKLTR12SC3M**	**FPBKLTR12SC4M**	**FPBKLTR12SC6S**
SC/APC	–	–	–	–	**FPBKLTR12SCA6S**
ST	**FPBKLTR12ST1M**	**FPBKLTR12ST2M**	**FPBKLTR12ST3M**	**FPBKLTR12ST4M**	**FPBKLTR12ST6S**
FC	–	–	–	–	**FPBKLTR12FC6S**
FC/APC	–	–	–	–	**FPBKLTR12FCA6S**

6-fiber

	OM1	OM2	OM3	OM4	OS2
LC	**FPBKLTR6LC1M**	**FPBKLTR6LC2M**	**FPBKLTR6LC3M**	**FPBKLTR6LC4M**	**FPBKLTR6LC6S**
LC/APC	–	–	–	–	**FPBKLTR6LCA6S**
SC	**FPBKLTR6SC1M**	**FPBKLTR6SC2M**	**FPBKLTR6SC3M**	**FPBKLTR6SC4M**	**FPBKLTR6SC6S**
SC/APC	–	–	–	–	**FPBKLTR6SCA6S**
ST	**FPBKLTR6ST1M**	**FPBKLTR6ST2M**	**FPBKLTR6ST3M**	**FPBKLTR6ST4M**	**FPBKLTR6ST6S**
FC	–	–	–	–	**FPBKLTR6FC6S**
FC/APC	–	–	–	–	**FPBKLTR6FCA6S**
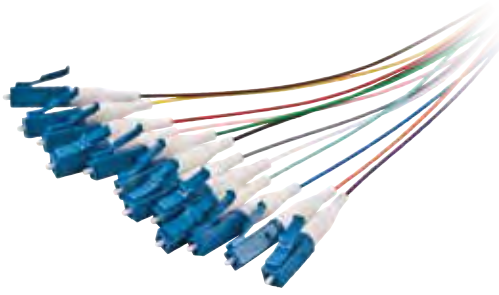
LC 12-Fiber Pigtail Bundle, OS2
FPBKR12LC6S

Specifications

- Mated pair insertion loss:
  MM: <0.50dB (0.35dB typical)
  SM: <0.35dB (0.15dB typical)
- Return loss: SM >55dB, MM >26dB, SM/APC >65dB
- Ferrule material: zirconia ceramic
- Mating durability: 500 cycles
- Operating temperature: 0°C to +75°C

Standards

- TIA-568.3
- TIA-604-FOCIS
- Telcordia® GR-326-CORE

LC Singlemode, OS2
FPLCS3SM

SC Singlemode, OS2
FPSCS3SM

ST Singlemode, OS2
FPSTS3SM

MT-RJ Multimode, OM1
FPRJC3MM

Single Fiber Pigtails

900 micron buffer, 3 meter length

Fiber Type	Buffer Color	LC	SC	ST	MT-RJ	FC
MM 62.5, OM1	Orange	**FPLCC3MM**	**FPSCC3MM**	**FPSTC3MM**	**FPRJC3MM**	**FPFCC3MM**
MM 50, OM2	Orange	**FPLCD3MM**	**FPSCD3MM**	**FPSTD3MM**	**FPRJD3MM**	**FPFCD3MM**
MM 50, OM3	Aqua	**FPLCE3MM**	**FPSCE3MM**	**FPSTE3MM**	**FPRJE3MM**	**FPFCE3MM**
MM 50, OM4	Aqua	**FPLCF3MM**	**FPSCF3MM**	**FPSTF3MM**	–	**FPFCF3MM**
Singlemode, OS2	Yellow	**FPLCS3SM**	**FPSCS3SM**	**FPSTS3SM**	–	**FPFCS3SM**
Singlemode, APC	Green	**FPLCAS3SM**	**FPSCAS3SM**	–	–	**FPFCAS3SM**

6- and 12-Fiber Pigtail Bundles

Riser, 900 micron color coded buffer, 3 meter length

12-fiber

	OM1	OM2	OM3	OM4	OS2
LC	**FPBKR12LC1M**	**FPBKR12LC2M**	**FPBKR12LC3M**	**FPBKR12LC4M**	**FPBKR12LC6S**
LC/APC	–	–	–	–	**FPBKR12LCA6S**
SC	**FPBKR12SC1M**	**FPBKR12SC2M**	**FPBKR12SC3M**	**FPBKR12SC4M**	**FPBKR12SC6S**
SC/APC	–	–	–	–	**FPBKR12SCA6S**
ST	**FPBKR12ST1M**	**FPBKR12ST2M**	**FPBKR12ST3M**	**FPBKR12ST4M**	**FPBKR12ST6S**
FC	**FPBKR12FC1M**	**FPBKR12FC2M**	**FPBKR12FC3M**	**FPBKR12FC4M**	**FPBKR12FC6S**
FC/APC	–	–	–	–	**FPBKR12FCA6S**

6-fiber

	OM1	OM2	OM3	OM4	OS2
LC	**FPBKR6LC1M**	**FPBKR6LC2M**	**FPBKR6LC3M**	**FPBKR6LC4M**	**FPBKR6LC6S**
LC/APC	–	–	–	–	**FPBKR6LCA6S**
SC	**FPBKR6SC1M**	**FPBKR6SC2M**	**FPBKR6SC3M**	**FPBKR6SC4M**	**FPBKR6SC6S**
SC/APC	–	–	–	–	**FPBKR6SCA6S**
ST	**FPBKR6ST1M**	**FPBKR6ST2M**	**FPBKR6ST3M**	**FPBKR6ST4M**	**FPBKR6ST6S**
FC	**FPBKR6FC1M**	**FPBKR6FC2M**	**FPBKR6FC3M**	**FPBKR6FC4M**	**FPBKR6FC6S**
FC/APC	–	–	–	–	**FPBKR6FCA6S**

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FIBER
Cable

Hubbell premium quality fiber cable completes the end-to-end channel solution, offering a single source advantage to specifiers, contractors, and end users. Made to order with the industry's highest performing optical fiber, Hubbell fiber cable provides total integration of connectivity, enclosures, and pre-terminated assemblies into a single-source infrastructure solution, backed by the Mission Critical® 25-Year Warranty.

HUBBELL® Premise Wiring

hubbell.com/hubbellpremisewiring/en

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HUBBELL® Premise Wiring

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Delivery

Hubbell generic HFCD Series fiber cables are priced and delivered in feet units. Reel size and weight are determined by cable type and length ordered. Specify cable put-up lengths on purchase order. Minimum Order Quantity (MOQ) for non-stocked cables is 1,640 feet. Contact Hubbell Premise Wiring for availability. Length ordered may be subject to a +/-10% production tolerance. Cut charges may apply to multi-reel orders. Refer to charts on page I5 for reel capacities, dimensions and estimated shipping weights.

Stocked Cables

Common Hubbell generic fiber cables are stocked at the plant. Short lengths may be available from stock reels. Contact Hubbell Premise Wiring for availability and fast delivery.

Indoor Tight Buffer Distribution Fiber Cable

Riser

	Fiber Count			
	2-Strand	6-Strand	12-Strand	24-Strand
62.5μm OM1 Multimode	**HFCD1002R6**	**HFCD1006R6**	**HFCD1012R6**	**HFCD1024R6**
50μm OM3 Multimode	**HFCD1002R3**	**HFCD1006R3**	**HFCD1012R3**	**HFCD1024R3**
50μm OM4 Multimode	**HFCD1002R4**	**HFCD1006R4**	**HFCD1012R4**	**HFCD1024R4**
9μm OS2 Singlemode	**HFCD1002RS**	**HFCD1006RS**	**HFCD1012RS**	**HFCD1024RS**

Plenum

	2-Strand	6-Strand	12-Strand	24-Strand
62.5μm OM1 Multimode	**HFCD1002P6**	**HFCD1006P6**	**HFCD1012P6**	**HFCD1024P6**
50μm OM3 Multimode	**HFCD1002P3**	**HFCD1006P3**	**HFCD1012P3**	① **HFCD1024P3**
50μm OM4 Multimode	**HFCD1002P4**	**HFCD1006P4**	**HFCD1012P4**	**HFCD1024P4**
9μm OS2 Singlemode	**HFCD1002PS**	**HFCD1006PS**	**HFCD1012PS**	**HFCD1024PS**

Multi-Unit Tight Buffer Distribution Fiber Cable

Riser; 12 fibers per sub-unit

	Fiber Count	
	48-Strand	72-Strand
50μm OM3 Multimode	**HFCD1M12048R3**	**HFCD1M12072R3**
50μm OM4 Multimode	**HFCD1M12048R4**	**HFCD1M12072R4**
9μm OS2 Singlemode	**HFCD1M12048RS**	**HFCD1M12072RS**

Plenum; 12 fibers per sub-unit

	48-Strand	72-Strand
50μm OM3 Multimode	**HFCD1M12048P3**	**HFCD1M12072P3**
50μm OM4 Multimode	② **HFCD1M12048P4**	**HFCD1M12072P4**
9μm OS2 Singlemode	**HFCD1M12048PS**	**HFCD1M12072PS**

Composite Indoor Tight Buffer Fiber Cable

Custom combinations of multimode and singlemode can be quoted and made to order. MOQ is 1,640 feet. Contact Hubbell Premise Wiring for quote.

Indoor Interlock Armored Tight Buffer Fiber Cable

Riser

	Fiber Count			
	6-Strand	12-Strand	24-Strand	48-Strand
62.5μm OM1 Multimode	**HFCD15006R6**	**HFCD15012R6**	**HFCD15024R6**	–
50μm OM3 Multimode	**HFCD15006R3**	**HFCD15012R3**	**HFCD15024R3**	③ **HFCD15048R3**
50μm OM4 Multimode	**HFCD15006R4**	**HFCD15012R4**	**HFCD15024R4**	**HFCD15048R4**
9μm OS2 Singlemode	**HFCD15006RS**	**HFCD15012RS**	**HFCD15024RS**	**HFCD15048RS**

Plenum

	6-Strand	12-Strand	24-Strand	48-Strand
62.5μm OM1 Multimode	**HFCD15006P6**	**HFCD15012P6**	**HFCD15024P6**	–
50μm OM3 Multimode	**HFCD15006P3**	**HFCD15012P3**	**HFCD15024P3**	**HFCD15048P3**
50μm OM4 Multimode	**HFCD15006P4**	**HFCD15012P4**	**HFCD15024P4**	**HFCD15048P4**
9μm OS2 Singlemode	**HFCD15006PS**	**HFCD15012PS**	**HFCD15024PS**	**HFCD15048PS**

SECTION I ● FIBER Cable

① ② ③

Delivery

Hubbell generic HFCD Series fiber cables are priced and delivered in feet units. Reel size and weight are determined by cable type and length ordered. Specify cable put-up lengths on purchase order. Minimum Order Quantity (MOQ) for non-stocked cables is 1,640 feet. Contact Hubbell Premise Wiring for availability. Length ordered may be subject to a +/- 10% production tolerance. Cut charges may apply to multi-reel orders. Refer to charts on page I5 for reel capacities, dimensions and estimated shipping weights.

Stocked Cables

Common Hubbell generic fiber cables are stocked at the plant. Short lengths may be available from stock reels. Contact Hubbell Premise Wiring for availability and fast delivery.

Indoor/Outdoor Tight Buffer Fiber Cable

Riser

	Fiber Count			
	2-Strand	6-Strand	12-Strand	24-Strand
62.5μm OM1 Multimode	HFCD14002R6BK	HFCD14006R6BK	HFCD14012R6BK	HFCD14024R6BK
50μm OM3 Multimode	HFCD14002R3BK	HFCD14006R3BK	HFCD14012R3BK	HFCD14024R3BK
50μm OM4 Multimode	HFCD14002R4BK	HFCD14006R4BK	HFCD14012R4BK	HFCD14024R4BK
9μm OS2 Singlemode	HFCD14002RSBK	HFCD14006RSBK	HFCD14012RSBK	HFCD14024RSBK

Plenum

	2-Strand	6-Strand	12-Strand	24-Strand
62.5μm OM1 Multimode	HFCD14002P6BK	HFCD14006P6BK	HFCD14012P6BK	HFCD14024P6BK
50μm OM3 Multimode	HFCD14002P3BK	HFCD14006P3BK	HFCD14012P3BK	HFCD14024P3BK
50μm OM4 Multimode	HFCD14002P4BK	HFCD14006P4BK	HFCD14012P4BK	HFCD14024P4BK
9μm OS2 Singlemode	HFCD14002PSBK	HFCD14006PSBK	HFCD14012PSBK	HFCD14024PSBK

Riser

	48-Strand	72-Strand
62.5μm OM1 Multimode	–	–
50μm OM3 Multimode	HFCD14048R3BK	HFCD14072R3BK
50μm OM4 Multimode	HFCD14048R4BK	HFCD14072R4BK
9μm OS2 Singlemode	HFCD14048RSBK	② HFCD14072RSBK

Plenum

	48-Strand	72-Strand
62.5μm OM1 Multimode	–	–
50μm OM3 Multimode	HFCD14048P3BK	HFCD14072P3BK
50μm OM4 Multimode	HFCD14048P4BK	HFCD14072P4BK
9μm OS2 Singlemode	① HFCD14048PSBK	HFCD14072PSBK

Composite Indoor/Outdoor Tight Buffer Fiber Cable

Custom combinations of multimode and singlemode can be quoted and made to order. MOQ is 1,640 feet. Contact Hubbell Premise Wiring for quote.

Indoor/Outdoor Armored Tight Buffer Fiber Cable

Riser

	Fiber Count			
	6-Strand	12-Strand	24-Strand	48-Strand
62.5μm OM1 Multimode	HFCD19006R6BK	HFCD19012R6BK	HFCD19024R6BK	–
50μm OM3 Multimode	HFCD19006R3BK	HFCD19012R3BK	HFCD19024R3BK	HFCD19048R3BK
50μm OM4 Multimode	HFCD19006R4BK	HFCD19012R4BK	HFCD19024R4BK	HFCD19048R4BK
9μm OS2 Singlemode	HFCD19006RSBK	HFCD19012RSBK	HFCD19024RSBK	HFCD19048RSBK

Plenum

	6-Strand	12-Strand	24-Strand	48-Strand
62.5μm OM1 Multimode	HFCD19006P6BK	HFCD19012P6BK	HFCD19024P6BK	HFCD19048P6BK
50μm OM3 Multimode	HFCD19006P3BK	HFCD19012P3BK	HFCD19024P3BK	HFCD19048P3BK
50μm OM4 Multimode	HFCD19006P4BK	HFCD19012P4BK	HFCD19024P4BK	HFCD19048P4BK
9μm OS2 Singlemode	HFCD19006PSBK	HFCD19012PSBK	HFCD19024PSBK	③ HFCD19048PSBK

SECTION I ● FIBER Cable

Reel Selection and Capacities for Hubbell HFCD Series Indoor and I/O Cables

Hubbell Fiber Cable Delivery Policy

- HFCD Series fiber cables are priced and delivered in feet
- Cable orders, when permissible, are shipped on a single reel unless otherwise specified
- Multi reel put-up lengths required by the customer must be specified at the time of ordering
- Cable lengths that exceed single reel capacity must have the split approved by the customer
- MOQ for non-stocked cable is 1,640 feet
- Cables made to order are subject to a +/-10% production tolerance
- Customer order must match total length shipped
- Reel capacity values on this specification allow for a 2-inch cable-to-flange clearance as illustrated
- Refer to reel dimensions on selection and capacity charts
- Cut charges may apply to multi-reel orders
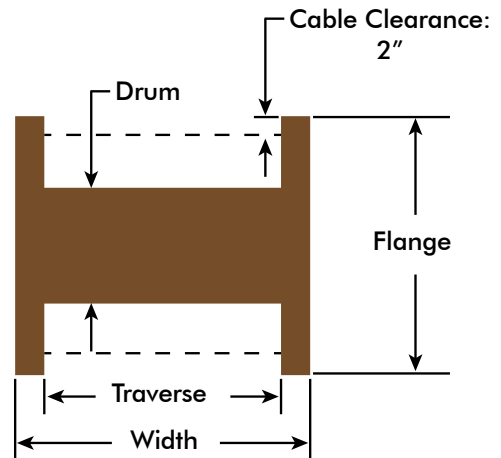
Weights, Dimensions and Capacities

- Cable Weight = [Length Ordered] X [Weight per Foot]
- Estimated Shipping Weight = [Cable Weight] + [Reel Weight] + [Skid Weight]
- Reel capacities on this specification allow for a 2 inch cable-to-flange clearance
- Refer to specific dimensions on the reel selection chart
- Shipping dimensions = [Flange] X [Flange] X [Width]
- Estimated Shipping Width = [Traverse Length] + [2 inches]

Standard Reel Selections

Reel	Flange Diameter in	Traverse Length in	Drum Diameter in	Reel Weight lb	Skid Weight lb
A	24	15	16.5	*	n/a
B	30	24	18	30	30
C	45	24	18	115	40
D	48	24	24	120	40

*A-size reels are plastic and boxed; see charts for cable weight

Hubbell HFCD Series Fiber Cable: Max Reel Capacity Chart, Plenum or Riser

Cable Family	Fiber Count	Overall Jacket Diameter in (mm)	Reel A 24" Flange ft	Reel B 30" Flange ft	Reel C 45" Flange ft	Reel D 48" Flange ft	Cable Weight per Foot lb
HFCD1 Series: Indoor Distribution HFCD14 Series: Indoor/Outdoor	2 strand	0.174 (4.4)	5400	17,500	n/a	n/a	0.012
	6 strand	0.210 (5.3)	4100	14,000	n/a	n/a	0.020
	12 strand	0.250 (6.3)	2900	10,000	n/a	n/a	0.035
	24 strand	0.320 (8.1)	1700	5900	n/a	n/a	0.043
HFCD1M Series: Indoor Multi-Unit	48 strand	0.610 (15.4)	n/a	1400	2100	n/a	0.146
	72 strand	0.790 (20)	n/a	1050	1700	n/a	0.233
HFCD14 Series: Indoor/Outdoor Multi-Unit	48 strand	0.610 (15.4)	n/a	1400	2100	n/a	0.146
	72 strand	0.790 (20)	n/a	1050	1700	n/a	0.233
HFCD15 Series: Armored Indoor HFCD19 Series: Armored Indoor/Outdoor	6 strand	0.625 (15.9)	n/a	n/a	n/a	5400	0.165
	12 strand	0.625 (15.9)	n/a	n/a	n/a	5400	0.170
	24 strand	0.684 (17.4)	n/a	n/a	n/a	4500	0.188
	48 strand	0.930 (23.5)	n/a	n/a	n/a	2200	0.365

Note: Reel capacities are approximate based on safe clearance below flange diameter.
Reel size is determined by cable diameter and quantity ordered.

Features

- Gel-free construction for ease of preparation
- Premium, low loss, bend-insensitive fibers
- Bright colored fiber coatings and buffer tubes
- Suitable for outdoor aerial and duct applications

Specifications

- Tensile pulling load rating: 600lb
- Fibers per buffer tube: 12
- Central strength member: reinforced dielectric
- Minimum bend radius (with load):
  20x cable diameter
- Installation temperature: -22° F to +140° F

①

②

Hubbell Branded Indoor/Outdoor Loose Tube Fiber Cable

Riser

	Fiber Count				
	6-Strand	12-Strand	24-Strand	48-Strand	72-Strand
62.5µm OM1 Multimode	HFCH2006R6BK	HFCH2012R6BK	HFCH2024R6BK	–	–
50µm OM3 Multimode	HFCH2006R3BK	HFCH2012R3BK	HFCH2024R3BK	HFCH2048R3BK	HFCH2072R3BK
50µm OM4 Multimode	HFCH2006R4BK	HFCH2012R4BK	HFCH2024R4BK	HFCH2048R4BK	HFCH2072R4BK
9µm OS2 Singlemode	HFCH2006RSBK	HFCH2012RSBK	HFCH2024RSBK	HFCH2048RSBK	HFCH2072RSBK

Plenum

	6-Strand	12-Strand	24-Strand	48-Strand	72-Strand
62.5µm OM1 Multimode	HFCH2006P6BK	HFCH2012P6BK	HFCH2024P6BK	–	–
50µm OM3 Multimode	HFCH2006P3BK	HFCH2012P3BK	HFCH2024P3BK	HFCH2048P3BK	HFCH2072P3BK
50µm OM4 Multimode	HFCH2006P4BK	HFCH2012P4BK	HFCH2024P4BK	HFCH2048P4BK	HFCH2072P4BK
9µm OS2 Singlemode	HFCH2006PSBK	HFCH2012PSBK	HFCH2024PSBK	HFCH2048PSBK	HFCH2072PSBK

Riser

	96-Strand	144-Strand
9µm OS2 Singlemode ①	HFCH2096RSBK	HFCH2144RSBK

Plenum

	96-Strand	144-Strand
9µm OS2 Singlemode	HFCH2096PSBK	HFCH2144PSBK

Hubbell Branded Outdoor Loose Tube Fiber Cable

Black, polyethylene jacket, non-rated

	Fiber Count				
	6-Strand	12-Strand	24-Strand	48-Strand	72-Strand
62.5µm OM1 Multimode	HFCH3006BK6	HFCH3012BK6	HFCH3024BK6	–	–
50µm OM3 Multimode	HFCH3006BK3	HFCH3012BK3	HFCH3024BK3	HFCH3048BK3	HFCH3072BK3
50µm OM4 Multimode	HFCH3006BK4	HFCH3012BK4	HFCH3024BK4	HFCH3048BK4	HFCH3072BK4
9µm OS2 Singlemode	HFCH3006BKS	HFCH3012BKS	HFCH3024BKS	HFCH3048BKS	HFCH3072BKS

	96-Strand	144-Strand
9µm OS2 Singlemode ②	HFCH3096BKS	HFCH3144BKS

SECTION I ● FIBER Cable

Features

- Gel-free construction for ease of preparation
- Corrugated armor for direct burial protection
- Premium, low loss, bend-insensitive fibers
- Bright colored fiber coatings and buffer tubes
- Suitable for aerial lashed and direct burial applications

Specifications

- Tensile pulling load rating: 600lb
- Fibers per buffer tube: 12
- Central strength member: reinforced dielectric
- Minimum bend radius (with load): 20x cable diameter
- Installation temperature: -22° F to +140° F
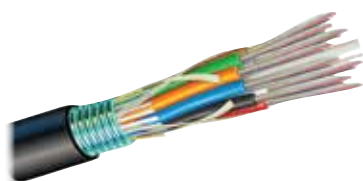
①   ②

Hubbell Branded Outdoor Armored Fiber Cable

Polyethylene jacket, non-rated

	Fiber Count				
	6-Strand	12-Strand	24-Strand	48-Strand	72-Strand
62.5μm OM1 Multimode	**HFCH4006BK6**	**HFCH4012BK6**	**HFCH4024BK6**	–	–
50μm OM3 Multimode	**HFCH4006BK3**	**HFCH4012BK3**	**HFCH4024BK3**	**HFCH4048BK3**	**HFCH4072BK3**
50μm OM4 Multimode	**HFCH4006BK4**	**HFCH4012BK4**	**HFCH4024BK4**	**HFCH4048BK4**	**HFCH4072BK4**
9μm OS2 Singlemode	**HFCH4006BKS**	**HFCH4012BKS**	**HFCH4024BKS**	**HFCH4048BKS**	**HFCH4072BKS**

	96-Strand	144-Strand
9μm OS2 Singlemode ①	**HFCH4096BKS**	**HFCH4144BKS**

Hubbell Branded Outdoor Armored Double Jacket Fiber Cable

Polyethylene jacket, non-rated

	Fiber Count				
	6-Strand	12-Strand	24-Strand	48-Strand	72-Strand
50μm OM3 Multimode	**HFCH5006BK3**	**HFCH5012BK3**	**HFCH5024BK3**	**HFCH5048BK3**	**HFCH5072BK3**
50μm OM4 Multimode	**HFCH5006BK4**	**HFCH5012BK4**	**HFCH5024BK4**	**HFCH5048BK4**	**HFCH5072BK4**
9μm OS2 Singlemode	**HFCH5006BKS**	**HFCH5012BKS**	**HFCH5024BKS**	**HFCH5048BKS**	**HFCH5072BKS**

	96-Strand	144-Strand
9μm OS2 Singlemode ②	**HFCH5096BKS**	**HFCH5144BKS**

SECTION I ● FIBER Cable

Buffered Cross Section
Buffer: 900μm; Coating 250μm

- Core
- Cladding
- Coating
- Buffer

Loose Tube Cross Section
Coating 250μm

- Core
- Cladding
- Coating
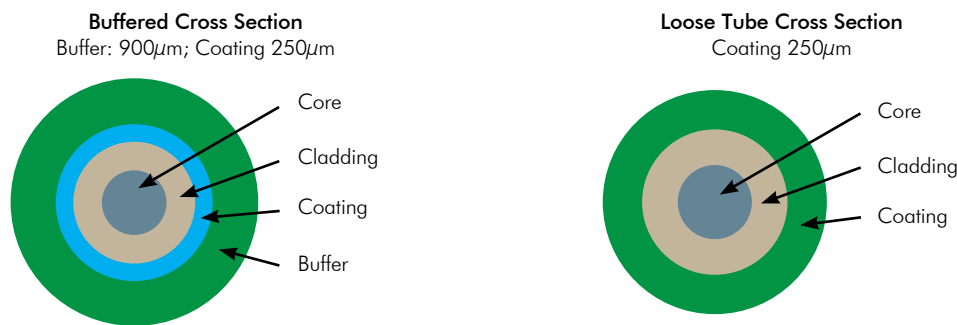
Optical Fiber Performance Specifications for HFCD and HFCH Series Cable

Fiber Type	Max Attenuation (dB/Km)		Laser-Based EMB (MHz·Km)		1 Gb/s Link Distance (meters)		10 Gb/s Link Distance (meters)		40/100 Gb/s Link Distance (meters)	
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
OM1	≤ 2.9	≤ 0.6	220	n/a	300	550	26	n/a	n/a	n/a
OM2	≤ 2.3	≤ 0.6	950	n/a	750	550	150	n/a	n/a	n/a
OM3	≤ 2.3	≤ 0.6	2000	n/a	1,000	550	300	n/a	150	n/a
OM4	≤ 2.3	≤ 0.6	4700	n/a	1,100	550	550	n/a	150	n/a
	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm
OS2	≤ 0.35	≤ 0.20	n/a	n/a	n/a	n/a	10,000	40,000	10,000	40,000

Note: Fiber attenuation is un-cabled. All link distance limits are based on 1.0 dB max connector loss. OM3, OM4 and OS2 are bend-insensitive fibers for optimum cable bend loss performance.

Optical Fiber Dimensional Specifications: HFCD Series Cables

Fiber Type	Core Diameter (microns)	Cladding Diameter (microns)	Core-Clad Concentricity (microns)	Cladding Non-Circularity	Core Non-Circularity	Coating Diameter (microns)	Coating-Cladding Concentricity (microns)
OM1	62.5 ± 2.5 μm	125 ± 2.0 μm	≤ 1.5 μm	≤ 1.0%	≤ 5.0%	242 ± 5 μm	< 12 μm
OM3	50.0 ± 2.5 μm	125 ± 1.0 μm	≤ 1.5 μm	≤ 1.0%	≤ 5.0%	242 ± 5 μm	< 12 μm
OM4	50.0 ± 2.5 μm	125 ± 1.0 μm	≤ 1.5 μm	≤ 1.0%	≤ 5.0%	242 ± 5 μm	< 12 μm
OS2	9.2 μm**	125 ± 0.7 μm	≤ 0.5 μm	≤ 0.7%	n/a	242 ± 5 μm	< 12 μm

**OS2 mode field diameter at 1310nm: 9.2 ± 0.4μm; OS2 mode field diameter at 1550nm: 10.4 ± 0.4μm.

Optical Fiber Dimensional Specifications: HFCH Series Cables

Fiber Type	Core Diameter (microns)	Cladding Diameter (microns)	Core-Clad Concentricity (microns)	Cladding Non-Circularity	Core Non-Circularity	Coating Diameter (microns)	Coating-Cladding Concentricity (microns)
OM1	62.5 ± 2.0μm	125 ± 1.0μm	≤ 1.0μm	≤ 0.7%	≤ 5.0%	242 ± 5μm	< 10.0μm
OM3	50.0 ± 2.0μm	125 ± 1.0μm	≤ 1.0μm	≤ 0.7%	≤ 5.0%	242 ± 5μm	< 6.0μm
OM4	50.0 ± 2.0μm	125 ± 1.0μm	≤ 1.0μm	≤ 0.7%	≤ 5.0%	242 ± 5μm	< 6.0μm
OS2	8.8μm*	125 ± 0.4μm	≤ 0.3μm	≤ 0.3%	n/a	242 ± 5μm	< 12μm

*OS2 mode field diameter at 1310nm: 9.2 ± 0.4μm; OS2 mode field diameter at 1550nm: 10.4 ± 0.4μm.

Cable Color Reference

- Indoor, Tight-Buffered
  - Orange: OM1 and OM2
  - Aqua: OM3 and OM4
  - Yellow: singlemode
- Indoor/Outdoor, Tight-Buffered
  - Black: all fiber types
- Outdoor and Indoor/Outdoor, Loose Tube
  - Black: all fiber types

Color Chart:

■ Aqua   ■ Black   ■ Orange   ■ Yellow

Note: Refer to product data sheets on our website for detailed specifications and application guidelines.

SECTION I ● FIBER Cable

FIBER | Enclosures

Hubbell premium quality fiber enclosures support a wide range of interconnect applications, from data centers to building backbone, horizontal and entrance facilities. This section features Hubbell enhanced FCR Series enclosures, designed based on customer input to maximize utility and ease of installation. The high density FCRHD1U Series data center enclosures offer 144 LC ports in a one unit rack space for maximum density. Enclosures for U.S. government trade-agreement compliance are also available.
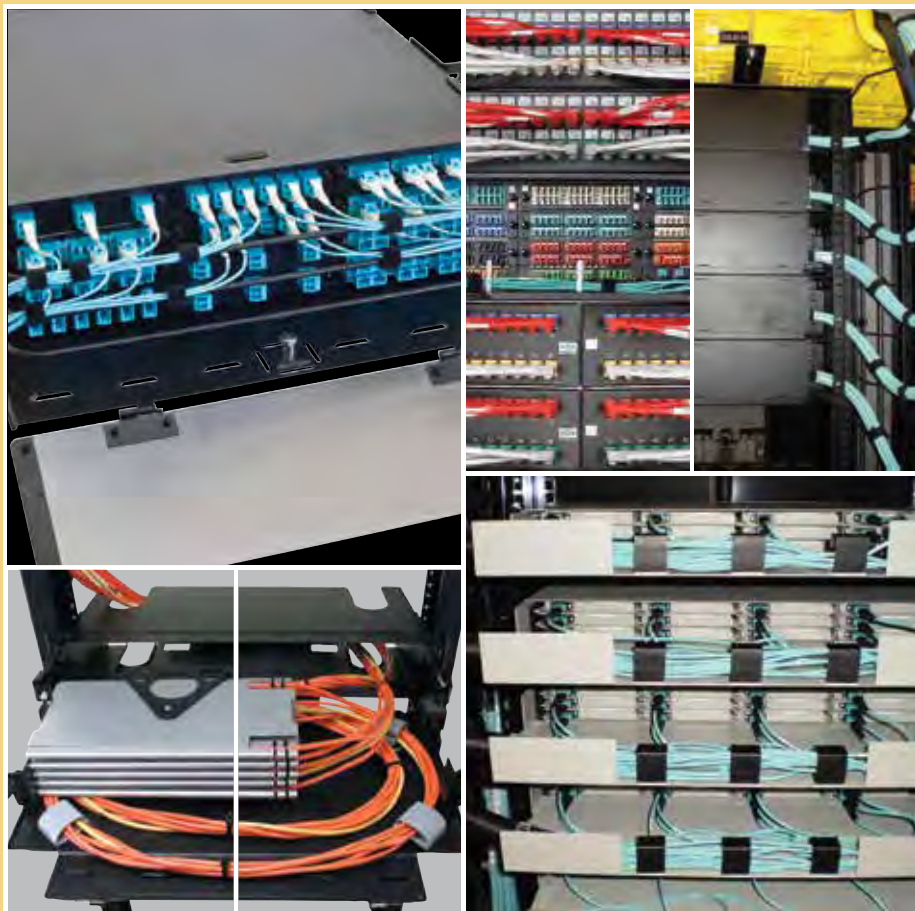
FIBER | Enclosures

FIBER | ENCLOSURES

Enclosure
FCRHD1UBK

OM3 Cassette
OCLCHD50G3

OM4 Cassette
OCLCD50G4

OS2 Cassette
OCLCHDSM

High Density 144 Port 1U Enclosures

Max LC port capacity: 144

Height In (mm)	Width In (mm)	Depth In (mm)	Color	Catalog No.
1.75" (44)	17" (432)	17" (432)	Black	**FCRHD1UBK**
			Gray	**FCRHD1UGY**

Ultra Compact LC to MPO Cassettes, 12-Fiber

Type A polarity, max 1U density: 144 LC ports (12 cassettes)

Height In (mm)	Width In (mm)	Depth In (mm)	Fiber Type	Color	Catalog No.
0.5" (13)	3.5" (89)	5.2" (132)	OM3	Aqua	**OCLCHD50G3**
			OM4	Aqua	**OCLCHD50G4**
			OS2	Blue	**OCLCHDSM**
			OM4	Violet	**OCLCHD50G4VI**

Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-G
- TIA-569-D

Rack Mount
FCR2U6SP

Vertical Panel Mount
FCR4U12SPV
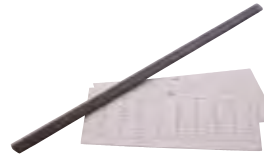
Label Kit
LBLKTFCR2U12

Splice Tray
STRAY12F

Enhanced Rack Mount Enclosures

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Standard Catalog No.	Locking Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	**FCR1U3SP**	**FCR1U3SPL**
2	3.5" (89)	17" (432)	17" (432)	6	6	144	**FCR2U6SP**	**FCR2U6SPL**
2	3.5" (89)	17" (432)	17" (432)	9	6	216	**FCR2U9SP**	**FCR2U9SPL**
3	5.25" (133)	17" (432)	17" (432)	12	12	288	**FCR3U12SP**	**FCR3U12SPL**
4	7.00" (178)	17" (432)	17" (432)	15	16	360	**FCR4U15SP**	**FCR4U15SPL**

Note: Locking versions assembled to order.
FCR2U9SP does not accept Plug-n-Play OC Series cassettes.

Enhanced Rack Mount Enclosure, Vertical Panel Mounting

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Standard Catalog No.	Locking Catalog No.
4	7.00" (178)	17" (432)	17" (432)	12	16	288	**FCR4U12SPV**	**FCR4U12SPVL**

NAFTA Series Rack Mounted Enclosures

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	**FCR1U3SPNA**
2	3.5" (89)	17" (432)	17" (432)	6	6	144	**FCR2U6SPNA**
2	3.5" (89)	17" (432)	17" (432)	9	6	216	**FCR2U9SPNA**
3	5.25" (133)	17" (432)	17" (432)	12	12	288	**FCR3U12SPNA**
4	7.00" (178)	17" (432)	17" (432)	15	16	360	**FCR4U15SPNA**

Note: All NAFTA versions supplied with lock.
FCR2U9SPNA does not accept Plug-n-Play OC Series cassettes.

Accessories

Description	Catalog No.
Label kit, 1U, with mounting clip, 12-pack	**LBLKTFCR1U12**
Label kit, 2U, with mounting clip, 12-pack	**LBLKTFCR2U12**
Label kit, 3U/4U, with mounting clip, 12-pack	**LBLKTFCR34U12**
Cable management kit, bend radius clip, 4-pack	**FBRMGTCLPK4**
Label mounting clip, 12-pack	**LBLCLPFCR12**
Splice tray, 12 fusion splice	**STRAY12F**
Splice tray, 24 fusion splice	**STRAY24F**

Pre-Punched, ST, 12-Port
Loaded
FPR012STM

Pre-Punched, SC,
Unloaded
FPR012SCX

Pre-Punched, ST, 24-Port
Unloaded
FPR024SCX

Pre-Punched, FSP,
Loaded
FPR3SP

Pre-Punched Enclosures

Loaded

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Connector Type	Port Capacity	No. of Adapters	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	ST-style	12	12	**FPR012STM**
					24	24	**FPR024STM**
				SC duplex	12	6	**FPR012SCM**
					24	12	**FPR024SCM**

Unloaded

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Connector Type	Port Capacity	No. of Adapters	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	SC duplex	12	6	**FPR012SCX**
					24	12	**FPR024SCX**

Note: Contact Hubbell Premise Wiring for other configurations, custom made to order. See page G7 for screw-mount SC duplex and LC quad adapters.

Pre-Punched Enclosures, FSP Panel Style

Unloaded

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Panel Capacity	Maximum LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	3	72	**FPR3SP**
						FPR3SPNA*

*NAFTA version
See pages G10-11 for FSP adapter panels.

Cable Management Brackets

Fits all FPR series panels

Description	Catalog No.
Protective bracket/cable management bar	**FPRBRKT1**

Accessories

Description	Catalog No.
Splice tray, 12 fusion splice	**STRAY12F**
Splice tray, 24 fusion splice	**STRAY24F**
Cable management kit, bend radius clip, 4-pack	**FBRMGTCLPK4**
Fiber management spool kit	**OFSPOOLPK2**

OptiChannel

HUBBELL

FIBER | ENCLOSURES

Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-E
- TIA-569-D

LC Duplex MM, Loaded
FEUR24LCDOM3

ST MM, Loaded
FEUR24STM

SC Duplex MM, Loaded
FEUR24SCM

FSP Adapter Panel, Unloaded
FEURFSPD

Fiber Interconnection Shelves

Loaded, includes (2) fiber management spools and (1) splice holder

Adapter Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Port Capacity	No. of Adapters	Adapter Color	Catalog No.
LC duplex; MM	1.75" (44)	17" (432)	8.6" (218)	12	6	Beige	**FEUR12LCDM**
				24	12	Beige	**FEUR24LCDM**
				48	24	Beige	**FEUR48LCDM**
				12	6	Aqua	**FEUR12LCDOM3**
				24	12	Aqua	**FEUR24LCDOM3**
				48	24	Aqua	**FEUR48LCDOM3**
LC duplex; SM	1.75" (44)	17" (432)	8.6" (218)	12	6	Blue	**FEUR12LCDSM**
				24	12	Blue	**FEUR24LCDSM**
				48	24	Blue	**FEUR48LCDSM**
ST; MM	1.75" (44)	17" (432)	8.6" (218)	12	12	Nickel	**FEUR12STM**
				24	24	Nickel	**FEUR24STM**
SC duplex; MM	1.75" (44)	17" (432)	8.6" (218)	12	6	Beige	**FEUR12SCM**
				24	12	Beige	**FEUR24SCM**
				48	24	Beige	**FEUR48SCM**
				12	6	Aqua	**FEUR12SCOM3**
				24	12	Aqua	**FEUR24SCOM3**
				48	24	Aqua	**FEUR48SCOM3**
SC duplex; SM	1.75" (44)	17" (432)	8.6" (218)	12	6	Blue	**FEUR12SCSM**
				24	12	Blue	**FEUR24SCSM**
				48	24	Blue	**FEUR48SCSM**

Note: Contact Hubbell Premise Wiring for additional configurations.

Unloaded

Adapter Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Maximum LC Port Capacity	Rack Units	Catalog No.
FSP adapter panel	1.75" (44)	17" (432)	8.6" (218)	72	1	**FEURFSPD**

See pages G10-11 for FSP adapter panels.

Accessories

Description	Catalog No.
Fiber management spool kit	**OFSPOOLPK2**
24F splice tray, plastic	**OFSPLKT24F**

FIBER | ENCLOSURES

Door Open
FSR350SE

Door Closed
FSR350SE

Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-E
- TIA-569-D

Splice Enclosure
FSS01S

Splice Trays
STRAY24F
STRAY12F

Fusion Splice Protection Sleeves
FSHST401025
FRSHST401025

Splice Enclosures and Hinged Rack Mount Splice Shelves

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Splice Tray Capacity	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	2	**FSS01S**
2	3.5" (89)	17" (432)	11" (279)	6	**FCR350SE**
					FSS02S

Note: Splice trays not included.

Splice Trays

No. of Fibers	Height Inches (mm)	Width Inches (mm)	Length Inches (mm)	Type	Catalog No.
12	0.4" (10)	5" (127)	7" (178)	Fusion	**STRAY12F**
				Mechanical	**STRAY12M**
24	0.4" (10)	5" (127)	10" (254)	Fusion	**STRAY24F**
				Mechanical	**STRAY24M**
144	0.4" (10)	5" (127)	10" (254)	(12X12 Ribbon)	**STRAY12RFS**
				(12X12 Ribbon, Deep)	**STRAY12RFSDP**

Fusion Splice Protection Sleeves

25-pack

Fiber Type	Sleeve Length Inches (mm)	Cleave Length Inches (mm)	Sleeve Diameter After Shrink Inches (mm)	Catalog No.
Single, up to 900μm coating	1.6" (40)	.4" (10)	0.12" (3.1)	**FSHST401025**
12-fiber ribbon	1.6" (40)	.4" (10)	0.18" (4.5)	**FRSHST401025**

Double Door, Standard
FCW4SP

Specifications

- 16 gauge cold rolled steel
- Black powder coated
- Accepts FSP Series panels

Standards

- EIA/ECA-310-E
- TIA-569-D

Double Door, NAFTA
FCW4SPRDGSA

Double Door, Standard
FCW12SP

Single Door
FTU4SP

Lock Kit
FLOCK1

Wall Mount Enclosures, Double Door

Standard versions

FSP Adapter Panel Capacity	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Enclosure Color	Splice Tray Capacity	Catalog No.
4	12" (305)	14" (356)	3.25" (83)	Black	(2) 7" (178)	**FCW4SP**
12	16" (406)	14" (356)	6.50" (165)	Black	(4) 10" (254)	**FCW12SP**
NAFTA versions						
4	12" (305)	14" (356)	3.25" (83)	Black	(2) 7" (178)	**FCW4SPNA**
4	12" (305)	14" (356)	3.25" (83)	Red*	(2) 7" (178)	**FCW4SPRDGSA**
12	16" (406)	14" (356)	6.50" (165)	Black	(4) 10" (254)	**FCW12SPNA**

Custom colors may be quoted to order. Minimum order quantity and lead time applies.
Note: For user's side, order optional lock kit separately (see below).
Only FCW12 Series will accept OC Series cassettes.

Wall Mount Enclosures, Single Door

FSP Adapter Panel Capacity	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Splice Tray Capacity	Catalog No.
1	5.75" (146)	9.2" (234)	2.5" (64)	0	**FTU1SP**
2	8.5" (216)	10.6" (269)	2.5" (64)	0	**FTU2SP**
4	11" (279)	13.6" (345)	2.5" (64)	(2) 7" (178)	**FTU4SP**

Note: For user's side, order optional lock kit separately (see below).
FTU Series enclosures do not accept OC Series cassettes.

Optional Lock Kits

Description	Catalog No.
Lock kit for cabinets keyed the same as the FCW technician side	**FLOCK1**
Lock kit for cabinets keyed differently than the FCW technician side	**FLOCK2**

FIBER | ENCLOSURES

1U, 3 FSP Panels or
3 OC Cassettes
OFPNL1U3SP

1U, 3 FSP Panels or
3 OC Cassettes
FTR175SP

1U, FTR Front Cover
FTR175FCVR

1U, FTR Rear Cover
FTR175RCVR

FTR Series Open Cabling Interconnect Trays, 19" Rack Mount

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	12" (305)	3	2	72	**FTR175SP**

Note: Compatible with FSP Series panels and OC Series cassettes

LEXAN® Covers for FTR Series Interconnect Trays

For FTR175SP, smoke tint

Description	Catalog No.
Front cover	**FTR175FCVR**
Rear cover	**FTR175RCVR**

OFPNL Series Open Cabling Interconnect Panels, 19" Rack Mount

Rack Units	Height Inches (mm)	Width Inches (mm)	FSP Panel Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	3	72	**OFPNL1U3SP**
1	1.75" (44)	17" (432)	2	48	**OFPNL1U2SP**

Note: Compatible with FSP Series panels and OC Series cassettes

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METAL | Racks

Hubbell's relay racks, server frames and iFRAME® systems are the first step to a strong foundation that meets future technology needs. These items provide access and support to cabling infrastructure while allowing ease for future moves, adds and changes.

METAL | Racks

METAL | RACKS

Standard Relay Rack
HPW84RR19

Standard Relay Rack
HPW84RR19

Specifications

- Rack material: extruded aluminum
- Black powder coated or mill finish
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

3" Deep Relay Racks

Black, Each rack unit numbered

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Black Catalog No.	Mill Finish Catalog No.
24	47" (1194)	19" (483)	20" (514)	3" (76)	**HPW48RR19**	**HPW48RR19ML**
36	67" (1702)	19" (483)	20" (514)	3" (76)	**HPW66RR19**	**HPW66RR19ML**
45	84" (2134)	19" (483)	20" (514)	3" (76)	**HPW84RR19**	**HPW84RR19ML**
		23" (584)	24" (607)	3" (76)	**HPW84RR23**	–
48	89" (2261)	19" (483)	20" (514)	3" (76)	**HPW90RR19**	–
51	95" (2413)	19" (483)	20" (514)	3" (76)	**HPW96RR19**	–

Rack with Vertical Cable Managers
CS1976H

Z-Channel Manager,
Hinged

Specifications

- Rack material: extruded aluminum
- Black powder coated
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

3" Deep Relay Racks with Cable Managers

Black; includes (2) vertical cable managers

Rack Units	External Height Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Z Width Inches (mm)	Cover Style	Catalog No.
45	84" (2134)	19" (483)	3" (76)	3" (152)	Hinged	**CS1973H**
					Clip On	**CS1973**
				6" (152)	Hinged	**CS1976H**
					Clip On	**CS1976**

Deep Relay Rack
HPW84RR19D

Deep Relay Rack
HPW84RR19D

Specifications

- Rack material: 0.125" aluminum
- Black powder coated
- Weight capacity: 1,000lb bolted to floor; 500lb unsecured
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Rack unit numbered

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

6" Deep Relay Rack

Black

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Rail Depth Inches (mm)	Catalog No.
45	84" (2134)	19" (483)	20" (514)	6" (152)	**HPW84RR19D**

Relay Rack, Angled
SF8419xx

Relay Rack, Angled
SF8419xx

Specifications

- Rack material: 12 gauge steel
- Black powder coated
- Rack unit identified
- Weight capacity: 2,000lb

Standards

- EIA/ECA-310-E Universal Mounting Pattern

4-Post, 19" Relay Rack

Black

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Depth Inches (mm)	Hole Type	Catalog No.
45	84" (2134)	19" (483)	20" (514)	24" (610)	#12-24 Threaded	**SF841924T**
				29" (742)	#12-24 Threaded	**SF841929T**
				36" (914)	#12-24 Threaded	**SF841936T**
				42" (1067)	#12-24 Threaded	**SF841942T**
				48" (1219)	#12-24 Threaded	**SF841948T**
				24" (610)	M6 Cage Nut	**SF841924**
				29" (742)	M6 Cage Nut	**SF841929**
				36" (914)	M6 Cage Nut	**SF841936**
				42" (1067)	M6 Cage Nut	**SF841942**
				48" (1219)	M6 Cage Nut	**SF841948**

METAL | RACKS

Extra Deep Relay Rack
HHR45U10

Extra Deep Relay Rack,
Top View

Specifications

- Rack material: 0.125" aluminum
- Top plate material: 14 gauge steel
- Black powder coated
- Weight capacity: 2,500lb
- Supports 19" EIA wide rack-mount equipment
- #12-24 threaded holes
- Fast assembly

Standards

- UL 1863
- EIA/ECA-310-E Universal Mounting Pattern

Extra Deep Relay Rack

Black

Rack Units	External Height Inches (mm)	Mounting Width Inches (mm)	External Width Inches (mm)	Depth Inches (mm)	Hole Type	Catalog No.
45	86" (2184)	19" (483)	24" (622)	10" (254)	#12-24 Threaded	**HHR45U10**
				16" (406)	#12-24 Threaded	**HHR45U16**

Wire Manager
VC8024

Wire Manager
VC8024

Wire Gates
VCW1010

Wire Gates
Installed

Vertical Wire Cable Managers

Steel wire 0.225 diameter, black powder coated, (2) push pins

Length Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Qty	Catalog No.
40" (1016)	2" (51)	4" (102)	2	**VC8024**

Wire Gate Cable Managers

Steel wire 0.225 diameter, black powder coated

Length Inches (mm)	Width Inches (mm)	Qty	Catalog No.
10" (254)	2" (51)	10	**VCW1010**
16" (406)	2" (51)	10	**VCW1610**

Cantilevered
MCCCS19

Cantilevered
MCCCWS19HD

Center Weighted
MCCCWS19

Rack Label Kit
RRLABEL

Filler Panel
MCCBP700

Equipment Shelves

Stationary shelf, 16 gauge, #12-24 mounting hardware

Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Load (lb)	Shelf	Catalog No.
Cantilevered	3.5" (89)	17" (432)	14" (356)	50	Solid	**MCCCS19**
					Perforated	**MCCCS19P**
	7" (178)	19" (483)	20" (508)	200	Solid	**MCCCWS19HD**
Center-weighted	3.5" (89)	17" (432)	19" (483)	75	Solid	**MCCCWS19**

19" Filler Panels

Black, includes (1) panel and (4) HPW screws

Rack Units	Height Inches (mm)	Flat Catalog No.	Angled Catalog No.
1	1.75" (44)	**MCCBP175**	**ABP175**
2	3.50" (89)	**MCCBP350**	**ABP350**
4	7.00" (178)	**MCCBP700**	**–**

Relay Rack Isolation Pads

Polyester fiberglass pad for isolating relay racks from cement floor, includes (4) isolating bushings for bolts and (4) cement anchors

Type	Works for Relay Rack Models	Catalog No.
1-piece	HPWxxRR19	**HRRP3**
2-piece	HPW84RR19D, SF8419xx	**HRRP**
4-piece	HHRxxx, HPW84RR23	**HRRPW**

Cement Anchoring Bolts

Galvanized anchor bolts for securing relay racks to cement floor

Length Inches (mm)	Diameter Inches (mm)	Qty	Catalog No.
3.75"	3/8"	4	**HPWRRA**

Rack Label Kit

Includes (3) self-adhesive strips, black label with white lettering (numbers 01 through 60)

Height Inches (mm)	Width Inches (mm)	Catalog No.
35" (889)	0.25" (6)	**RRLABEL**

Extender Brackets, 23"

Black, includes (2) brackets and (1) mounting hardware kit, converts 23" rack mount space to 19"

Length Inches (mm)	Catalog No.
23" (584)	**BREXTB235**

METAL | RACKS

Column (Door Open, Closed)
IS7

4-Post
IS7 with ISK4P

Specifications

- 14 gauge cold-rolled steel
- Rails tapped #12-24
- Static load capacity: 1,400lb per column
- Black powder coated
- Configurable

Standards

- UL 1863 Listed
- EIA/ECA-310-E Universal Mounting Pattern

iFRAME® Columns

Includes (1) iFRAME® column weldment, (1) bottom alignment installation aid and (1) iFRAME top plate floor template, (1) full height front cover with (4) heavy-duty floor anchor washers dual-acting hinges and (2) dual-acting front cover hinges (not included in IS7E), (20) #12-24 x ⅝" dog point machine screws and washers or M6 cage nuts with screws, (4) 4" gates (Catalog No. VCG4), (50) snap-in-place cable routing spools, and (1) assembly hardware kit

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	5" (127)	10.1" (257)	14.2" (361)	#12-24	Included	**IS7**
					M6 Cage Nut	Included	**IS7M6**

End of Row

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	5" (127)	10.1" (257)	14.2" (361)	#12-24	–	**IS7E**

12" Raised Floor Applications

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	96" (2446)	5" (127)	10.1" (257)	14.2" (361)	M6 Cage Nut	Included	**IS7RFM6**

High Capacity

Rack Units	Height Inches (mm)	Width Inches (mm)	Channel Depth Inches (mm)	Total Depth Inches (mm)	Hole Type	Top Plate and Spacer	Catalog No.
45	84" (2134)	7" (178)	12.1" (307)	17.6" (447)	#12-24	Included	**IS70718**
		8.5" (216)	14.1" (358)	20.1" (511)	#12-24	Included	**IS70920**

Spool
ICKSS

Power Kit
ICKP20

4-Post Rack Kit
ISK4P

Cable Management Spools

Color	Description Inches (mm)	Qty	Catalog No.
Black	3" (76)	50	**ICKSS**
	6" (152)	50	**ICKSS6**
	9" (229)	50	**ICKSS9**

Top Ladder Rack

Color	Ladder Dimensions Inches (mm	Stringer Dimensions Inches (mm	Catalog No.
Black	2" H x 12" W (51 x 305)	1½" x ⅜" (38 x 10)	**ICKL**

Category 6A Rear Cable Management Kit

Includes 12"W x 6'L ladder rack sticks (Catalog No. HLS0612B), 12"W x 24"L iFRAME top ladder, 27"W x 24"L iFRAME top ladder, wall mounting kit (Catalog No. HLX0612), T-splice kit (Catalog No. HLTK) and mounting brackets

iFRAME® Width Inches (mm)	Catalog No.
5" (127)	**ICKC**
7" (178)	**ICKCL7**
8.5" (216)	**ICKCL9**

iFRAME® Power Kits

Includes 4" square work box, 20A receptacle L5-20R TWIST-LOCK®, face plate, assembly hardware kit

Description	Receptacle Color	Receptacle	Catalog No.
Standard	Black	HBL2310	**ICKP20**
Isolated ground	Orange	IG2310	**ICKP20IG**

Spacer Kit, 23"

Includes top for 23" column spacing and bottom for 23" column spacing

Color	Catalog No.
Black	**ICK23**

4-Post Rack Kit

Includes adjustable brackets (for spacing columns front to rear) and assembly hardware kit

Description	iFRAME Width Inches (mm)	Catalog No.
For 27" to 39" equipment mounting depth	5" (127)	**ISK4P**
	7" (178)	**ISK4P7**
	8.5" (216)	**ISK4P9**

Power Strip Mounting Brackets for 5" Wide iFRAME® Columns

Includes mounting brackets and assembly hardware kit

Description	Catalog No.
Mounting Brackets	**ICKPM**

METAL | Cable Management

The four series of Hubbell cable management products were designed to meet the varying capacity challenges in data centers and telecommunication rooms. From low capacity efficient models, to high capacity models with many options, Hubbell cable management products support all types of cable routing.
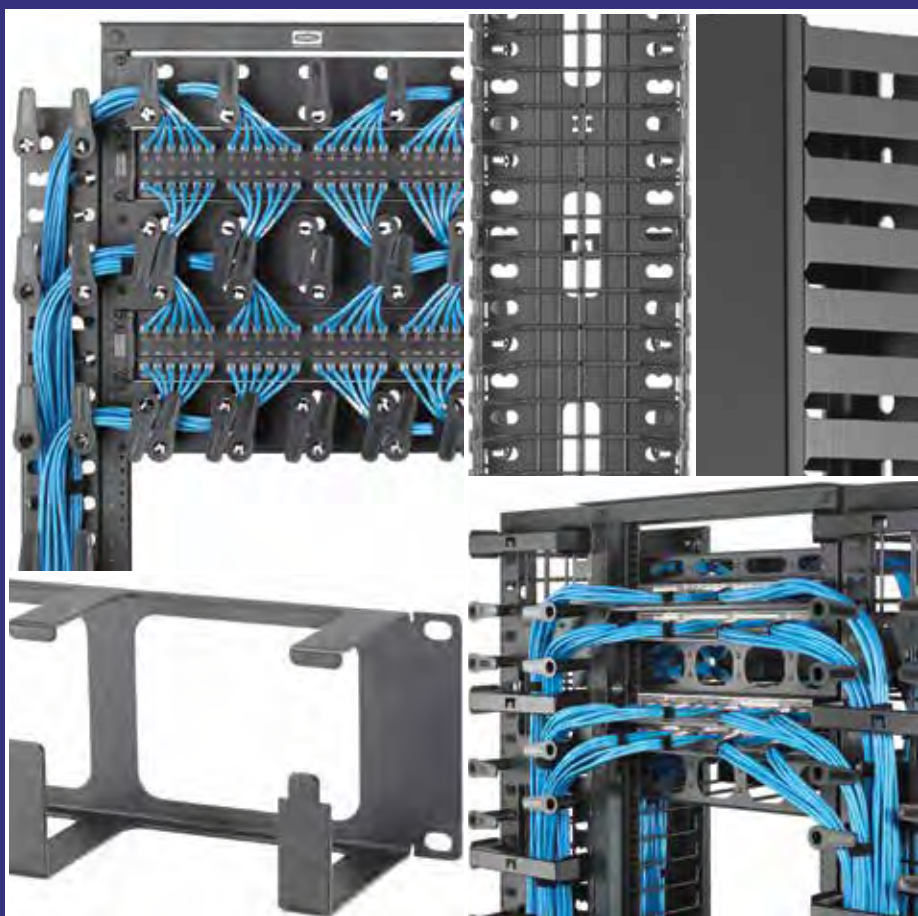
METAL | Cable Management

M Series shown with covers

Specifications

- 14 gauge cold rolled steel
- Dual hinge door with positive latch
- 0.225" steel rod diameter supports
- Black powder coated

Installation

- Single column design
- Installer configured rear options
- For flush mount, use HMx7x with VM vertical cable managers
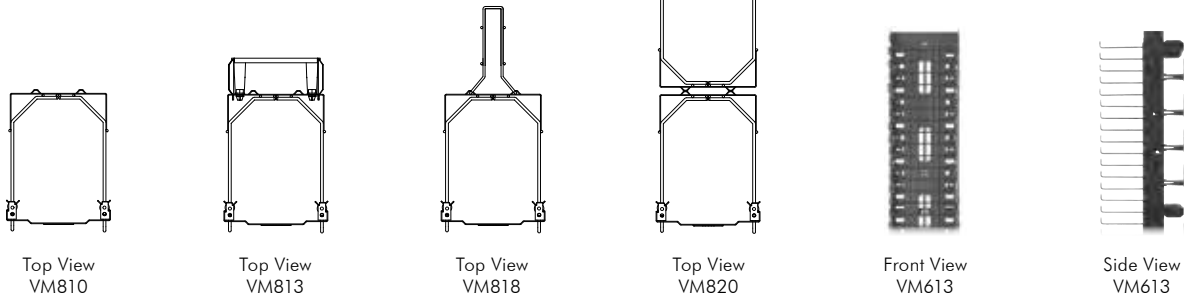
Top View VM810	Top View VM813	Top View VM818	Top View VM820	Front View VM613	Side View VM613

Vertical Cable Management

Width Inches (mm)	Height Inches (mm)	Front Depth Inches (mm)	Rear Depth Inches (mm)	Gates Included	3" Spools Included	Rear Cage	Catalog No.
6" (152)	84" (2134)	10" (254)	–	–	–	–	**VM610**
8" (203)	84" (2134)	10" (254)	–	–	–	–	**VM810**
10" (254)	84" (2134)	10" (254)	–	–	–	–	**VM1010**
12" (305)	84" (2134)	10" (254)	–	–	–	–	**VM1210**
6" (152)	84" (2134)	10" (254)	3" (76)	4	20	–	**VM613**
8" (203)	84" (2134)	10" (254)	3" (76)	4	20	–	**VM813**
10" (254)	84" (2134)	10" (254)	3" (76)	4	20	–	**VM1013**
12" (305)	84" (2134)	10" (254)	3" (76)	4	20	–	**VM1213**
6" (152)	84" (2134)	10" (254)	3" (76)	–	–	1	**VM618**
8" (203)	84" (2134)	10" (254)	3" (76)	–	–	1	**VM818**
10" (254)	84" (2134)	10" (254)	8" (203)	–	–	1	**VM1018**
12" (305)	84" (2134)	10" (254)	8" (203)	–	–	1	**VM1218**
6" (152)	84" (2134)	10" (254)	10" (254)	–	–	–	**VM620**
8" (203)	84" (2134)	10" (254)	10" (254)	–	–	–	**VM820**
10" (254)	84" (2134)	10" (254)	10" (254)	–	–	–	**VM1020**
12" (305)	84" (2134)	10" (254)	10" (254)	–	–	–	**VM1220**

Accessories

Description	Qty	Catalog No.
Rear cage	1	**VMR47**
Power strip bracket	1	**VMRB**

Cable Management Gates

Width	Qty	Catalog No.
6" (152)	16	**VCG6**
8" (203)	4	**VCG8**
10" (254)	4	**VCG10**
12" (305)	4	**VCG12**

M Series shown without covers

Side View
HM24C

Side View
HM27C

Front
HM277C

ICKSS

Specifications

- 0.225" steel rod diameter supports
- Black powder coated

Installation

- Cable radius pass-through holes
- Hinged cover can be removed
- For flush mount, use HMx7x with VM vertical cable managers

Horizontal Cable Management

Height (RU)	Front Extension	Rear Extension	Cover	Catalog No.
1	7" (178)	–	Included	**HM17C**
2	7" (178)	–	Included	**HM27C**
3	7" (178)	–	Included	**HM37C**
4	7" (178)	–	Included	**HM47C**
1	7" (178)	7" (178)	Included	**HM177C**
2	7" (178)	7" (178)	Included	**HM277C**
3	7" (178)	7" (178)	Included	**HM377C**
4	7" (178)	7" (178)	Included	**HM477C**
1	4" (102)	–	Included	**HM14C**
2	4" (102)	–	Included	**HM24C**
3	4" (102)	–	Included	**HM34C**
4	4" (102)	–	Included	**HM44C**
1	4" (102)	–	–	**HM14**
2	4" (102)	–	–	**HM24**
3	4" (102)	–	–	**HM34**
4	4" (102)	–	–	**HM44**

Cable Management Spools

Color	Description Inches (mm)	Qty	Catalog No.
Black	3" (76)	50	**ICKSS**
	6" (152)	50	**ICKSS6**
	9" (229)	50	**ICKSS9**

Horizontal Cover Only

Height (RU)	Catalog No.
1	**HM1C**
2	**HM2C**
3	**HM3C**
4	**HM4C**

METAL | CABLE MANAGEMENT

S Series shown
with covers

Specifications

- 14 gauge cold rolled steel
- Black powder coated
- Magnetic latching
- Hinged or lift-off covers

Installation

- Pass-through holes for cables
- Covers lift off

Spool	Hinge Kit	C-Channel	Z-Channel, Hinged	Vertical Cover
ICKSS	VCKH	VS74	VS76H	VSC3

Vertical Cable Management

Front Spool Depth Inches (mm)	Channel Depth Inches (mm)	Rear Spool Depth Inches (mm)	Number of Spools	Width Inches (mm)	Channel Type	Cover	Catalog No.
3" (76)	4" (102)	3" (76)	24	3" (76)	C-channel	–	**VS73**
				4" (102)	C-channel	–	**VS74**
				6" (152)	Z-channel	(2) lift-off	**VS76**
						(2) hinged	**VS76H**

Vertical Covers

Width Inches (mm)	Qty	Catalog No.
3" (76)	1	**VSC3**
4" (102)	1	**VSC4**
6" (152)	1	**VSC6**

Gates

Width Inches (mm)	Qty	Catalog No.
4" (102)	16	**VCG4**
6" (152)	16	**VCG6**

Accessories

Description	Qty	Catalog No.
3" spools	50	**ICKSS**
6" spools	50	**ICKSS6**
9" spools	50	**ICKSS9**
VS joining kit	1	**VCJK**
VS hinge kit	2	**VCKH**

S Series shown
without covers

Specifications

- 14 gauge cold rolled steel
- Hinged or lift-off cover
- Black powder coated

Installation

- Two-piece vertical construction (VS7xx)
- Best fit with HSx3C

With Cover
HS13C

Without Cover
HS23

Relay Rack with Vertical
Cable Managers
CS1976

Horizontal Cable Management

Height (RU)	Extension	Best Fit Vertical	Cover	Catalog No.
1	3" (76)	VS76xx, VS74xx	Without cover	**HS13**
			With cover	**HS13C**
2	3" (76)	VS76xx, VS74xx	Without cover	**HS23**
			With cover	**HS23C**

Horizontal Cover Only

Height (RU)	Catalog No.
1	**HS1C**
2	**HS2C**

3" Deep Equipment Racks with Cable Managers

Black; includes (2) vertical cable managers

Rack Units	Height Inches (mm)	Width Inches (mm)	Rail Depth Inches (mm)	Z Depth Inches (mm)	Cover Style	Catalog No.
45	84" (2134)	19" (483)	3" (76)	3" (152)	Hinged	**CS1973H**
					Clip On	**CS1973**
				6" (152)	Hinged	**CS1976H**
					Clip On	**CS1976**

SS Series,
front, shown without covers

VSS43

Specifications
- 14 gauge metal channel
- Black painted

Installation
- Two-piece vertical construction
- Place cable routing spools as needed
- Tool free spool installation

Vertical Cable Management

Width Inches (mm)	Extension Inches (mm)	Number of Spools	Best Fit Horizontal	Catalog No.
4" (102)	3" (76)	20	HSSxx3	**VSS43**
4" (102)	6" (152)	20	HSSxx6	**VSS46**

SS Series, rear

HSS33

Specifications
- 14 gauge metal panel
- Black painted

Installation
- Tool free spool installation
- Place cable routing spools as needed

Horizontal Cable Management

RU	Extension Inches (mm)	Number of Spools	Best Fit Vertical	Catalog No.
2	3" (76)	5	VSSxx3	**HSS23**
	6" (152)	5	VSSxx6	**HSS26**
3	3" (76)	8	VSSxx3	**HSS33**
	6" (152)	8	VSSxx6	**HSS36**

SD Series
shown with covers

VSD45

Specifications

• Plastic duct
• Metal brackets 14 gauge cold rolled steel
• Snap-on covers

Installation

• Two-piece vertical construction
• Covers included

Vertical Cable Management

Width Inches (mm)	Extension Inches (mm)	Cover	Best Fit Horizontal	Catalog No.
4" (102)	5" (127)	Included	HSDxx3	**VSD45**

HSD13

Specifications

• Plastic
• Covers included

Installation

• Covers included
• Mounts directly to rail
• Remove fingers for cable access

Horizontal Cable Management

RU	Extension Inches (mm)	Cover	Best Fit Vertical	Catalog No.
1	3" (76)	Included	VSD45	**HSD13**
2	3" (76)	Included	VSD45	**HSD23**

8" Cable Ties
HPWCVFxx8

Bulk Spool
HVFBK5600

Basic Fasteners
MCCMV9xx10

Screw Mount
MCCMV9OS10
MCCMV9BS10

VELCRO® Brand ONE-WRAP® Cable Ties

Unit of measure: one 10-pack of straps

Length Inches (mm)	Max. Bundle Diameter Inches (mm)	Color	Catalog No.
8" (203)	2.5" (64)	Black	**HPWCVFBK8**
		Blue	**HPWCVFBL8**
		Orange	**HPWCVFOR8**
		Red	**HPWCVFRD8**
		Yellow	**HPWCVFYL8**

Bulk VELCRO® Spool

Width Inches (mm)	Length Feet (mm)		Unit of Measure	Catalog No.
1" (25)	10' (3048)	Cut to length	10-pack	**HPWCVFBK120**
0.625" (16)	75' (22,860)	Cut to length	Single pack	**HVFBK5875**
0.5" (13)	75' (22,860)	Cut to length	Single pack	**HVFBK575**
0.5" (13)	75' (22,860)	Rip to length	Single pack	**HVFBK575S**
0.5" (13)	600' (182,880)	Cut to length	Single pack	**HVFBK5600**

Basic VELCRO® Brand Fasteners

Unit of measure: one 10-pack of straps

Length Inches (mm)	Max. Bundle Diameter Inches (mm)	Color	Catalog No.
22" (559)	7.5" (191)	Black	**MCCMV22BK10**
9" (229)	2.5" (64)	Black	**MCCMV9BK10**
		Blue	**MCCMV9BL10**
		Orange	**MCCMV9OR10**
		Pink	**MCCMV9PK10**
		Red	**MCCMV9RD10**
		Yellow	**MCCMV9YL10**
5" (127)	1.4" (36)	Black	**MCCMV5BK10**
		Blue	**MCCMV5BL10**
		Orange	**MCCMV5OR10**
		Pink	**MCCMV5PK10**
		Red	**MCCMV5RD10**
		Yellow	**MCCMV5YL10**

Screw-Mount, Reusable Cable Ties

Unit of measure: one 10-pack of straps

Length Inches (mm)	Max. Bundle Diameter Inches (mm)	Color	Catalog No.
9" (229)	2.5" (64)	Black	**MCCMV9BS10**
		Orange	**MCCMV9OS10**

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Specifications

- 16 gauge C.R.S.
- Black powder coated

Installation

- Telescopes to handle additional equipment
- Route cables through rear or top/bottom holes

Security Device

Height Min.	Height Max.	Depth Inches (mm)	Catalog No.
4 RU	6 RU	4" (102)	**HSE46**
7 RU	12 RU	12.7" (323)	**HSE712**

Specifications

- 14 gauge C.R.S.
- Black powder coated
- 200lb capacity

Installation

- Server arms extend in 0.5" increments
- M6 cage nut

Server Bracket

Height	Depth Min. Inches (mm)	Depth Max. Inches (mm)	Catalog No.
1 RU	9" (229)	15" (381)	**HSB115**
2 RU	9" (229)	15" (381)	**HSB215**

Basic Fasteners
MCCPSR4

Vertical Rings
MCCVMR2
MCCVMR22

Plastic Cable Management Rings

Includes (4) rings

Description	Catalog No.
Non-adhesive	**MCCPSR4**
Adhesive	**MCCPSRA4**

Vertical Rings

Includes (2) vertical rings and (1) mounting kit

Description	Catalog No.
Bracket, one side	**MCCVMR2**
Bracket, between racks	**MCCVMR22**

METAL | Ladder and Basket Tray

Hubbell Basket and Ladder Trays provide innovative, flexible, field-configurable cable management that give delivery systems enhanced capacity, proper support for bend radius and much more. Available for overhead and raised floor applications, Hubbell has a wire tray system to meet specific cable management requirements, saving labor, minimizing waste and reducing impact to the environment.

METAL | Ladder and Basket Tray

METAL | LADDER AND BASKET TRAY
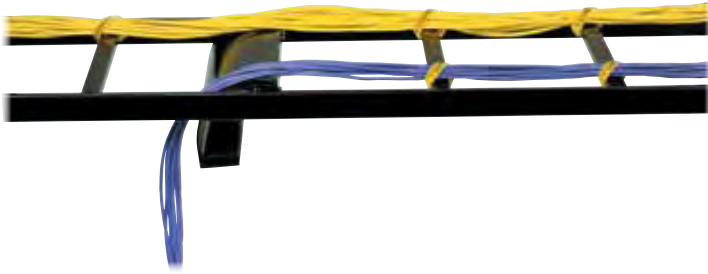
Features

- Material: 16 gauge tubular steel
- Durable powder coat
- Stringer dimensions: 0.375" W x 1.5" H
- Rung spacing: 9.0"
- Weight capacity: 45lb/foot

Width

Straight Section
HLS0612G

Flat Turn 90°
HLF1290G

Inside Radius 90°
HLI1290G

Straight Sections

Width Inches (mm)	6' (1829) Length		10' (3048) Length	
	Black	Gray	Black	Gray
6" (152)	**HLS0606B**	**HLS0606G**	**HLS1006B**	**HLS1006G**
12" (305)	**HLS0612B**	**HLS0612G**	**HLS1012B**	**HLS1012G**
18" (457)	**HLS0618B**	**HLS0618G**	**HLS1018B**	**HLS1018G**
24" (610)	**HLS0624B**	**HLS0624G**	**HLS1024B**	**HLS1024G**

Note: Width = outside to outside dimensions.

90° Turns

Width Inches (mm)	Inside Radius 90°		Outside Radius 90°	
	Black	Gray	Black	Gray
6" (152)	**HLI0690B**	**HLI0690G**	**HLO0690B**	**HLO0690G**
12" (305)	**HLI1290B**	**HLI1290G**	**HLO1290B**	**HLO1290G**
18" (457)	**HLI1890B**	**HLI1890G**	**HLO1890B**	**HLO1890G**
24" (610)	**HLI2490B**	**HLI2490G**	**HLO2490B**	**HLO2490G**

Width Inches (mm)	Flat Turns 90°	
	Black	Gray
6" (152)	**HLF0690B**	**HLF0690G**
12" (305)	**HLF1290B**	**HLF1290G**
18" (457)	**HLF1890B**	**HLF1890G**
24" (610)	**HLF2490B**	**HLF2490G**

Butt Splice Kit
HLBSK

Swivel Splice Kit
HLSSK

Mounting Kit
HLMPK19D

Triangle Wall Support
HLTSB12G

Splice Kits

Description	Catalog No.
Butt splice kit, Black powder coat	**HLBSK**
Swivel splice kit, Black	**HLSSK**
T-junction splice kit	**HLTK**

Cable Radius Drop

Ladder Width Inches (mm)	Actual Width Inches (mm)	Black Powder Coat
6" (152)	4.5" (114)	**HLCD06***
12" (305)	10.75" (273)	**HLCD12**
18" (457)	16.75" (425)	**HLCD18**
Stringer	7.5" (191)	**HLCDS**

*Can also be mounted on stringer.

Ceiling Mounting Kit

Description	Catalog No.
Ceiling mounting kit with two 6' x 0.625Ø threaded rods	**HLCMK**
Brackets only	**HLCF**

Vertical Wall Bracket

Description	Catalog No.
2 clips	**HLVWBK**

Protective End Caps

Description	Catalog No.
2-pack, Black	**HLECPK2**

J-Bolt Kit

Description	Catalog No.
2-pack, galvanized	**HLJB**

Foot Kit

Description	Catalog No.
2-pack with splices, Black	**HLRF**

Cable Retaining Fence Posts

Nominal Height Inches (mm)	Actual Height Inches (mm)	Black	Gray
6" (152)	8.3" (211)	**HLP06B**	**HLP06G**
8" (203)	10.4" (264)	**HLP08B**	**HLP08G**
10" (254)	12.4" (315)	**HLP10B**	**HLP10G**

Triangle Wall Supports

Width Inches (mm)	Black	Gray
6" (152)	**HLTSB06B**	**HLTSB06G**
12" (305)	**HLTSB12B**	**HLTSB12G**
18" (457)	**HLTSB18B**	**HLTSB18G**
24" (610)	**HLTSB24B**	**HLTSB24G**

Wall Angle Supports

Width Inches (mm)	Black	Gray
6–12" (152–305)	**HLX0612**	**HLX0612G**
18" (457)	**HLX1518**	**HLX1518G**
24" (610)	**HLX24**	**HLX24G**

Mounting Kit to Relay Rack

Description	Black
3" rack	**HLMPK19**
6" rack	**HLMPK19D**

Wall/Rack Mounting Kit

Description	Black
Includes (1) HLMPK19, (1) HLX0612, (1) 40"L x 12"W ladder section	**HLWRK**

Elevation Kit

Height Inches (mm)	Black
2–3" (51–76)	**HLEK23**
4–6" (102–152)	**HLEK46**
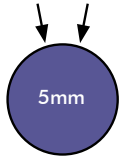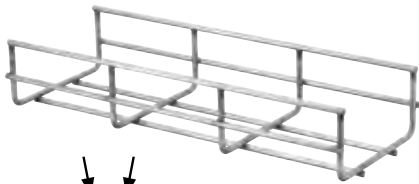
METAL | LADDER AND BASKET TRAY

METAL | LADDER AND BASKET TRAY

5mm

.0078125 sq. inch
Round Wire Design

Features

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- 6mm round wire on larger sizes
- High load rating
- Easy to cut and fabricate fittings in the field
- 100% recycled steel

- Use factory support hardware or fabricate supports on the job site
- 2″ x 4″ mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

10 Feet per Length 10 pc. min. order qty.	Width	Load (lb/ft)	Weight per Length (lb)	90° Sweep Elbow	Straight Splice	Pre-Galvanized	Black Powder Coat
				Splice Quantity		**Finish**	
2″ Deep Tray	4″ (102) ◆	45	7	2	2	HPWW0204	HPWW0204BK
	6″ (152) ●◆	50	9	3	4	HPWW0206	HPWW0206BK
	8″ (203) ●◆	52	11	4	4	HPWW0208	HPWW0208BK
	12″ (305) ●◆	58	12	6	4	HPWW0212	HPWW0212BK
2.38″ (60)	16″ (406) ●	70	15	7	4	HPWW0216	HPWW0216BK
	18″ (457) ●	70	23	9	4	HPWW0218	HPWW0218BK
	20″ (508) ●	73	25	9	5	HPWW0220	HPWW0220BK
	22″ (559)	73	27	12	5	HPWW0222	HPWW0222BK
	24″ (610) ●	75	31	12	5	HPWW0224	HPWW0224BK
	26″ (660)	73	33	13	6	HPWW0226	HPWW0226BK
	28″ (711)	73	35	14	6	HPWW0228	HPWW0228BK
	30″ (762)	70	38	15	6	HPWW0230	HPWW0230BK
	32″ (813)	70	39	16	6	HPWW0232	HPWW0232BK
4″ Deep Tray	4″ (102) ◆	49	12	2	4	HPWW0404	HPWW0404BK
	6″ (152) ●◆	49	13	3	5	HPWW0406	HPWW0406BK
	8″ (203) ●◆	78	15	4	6	HPWW0408	HPWW0408BK
4″ (102)	12″ (305) ●	78	23	6	6	HPWW0412	HPWW0412BK
	16″ (406) ●	108	27	7	7	HPWW0416	HPWW0416BK
	18″ (457) ●	116	29	9	7	HPWW0418	HPWW0418BK
	20″ (508) ●	116	31	9	7	HPWW0420	HPWW0420BK
	22″ (559)	116	33	12	8	HPWW0422	HPWW0422BK
	24″ (610) ●	116	35	12	8	HPWW0424	HPWW0424BK
	28″ (711)	108	39	14	9	HPWW0428	HPWW0428BK
6″ Deep Tray	8″ (203) ●	116	23	4	6	HPWW0608	HPWW0608BK
	12″ (305) ●	123	27	6	6	HPWW0612	HPWW0612BK
6″ (152)	16″ (406) ●	123	31	7	7	HPWW0616	HPWW0616BK
	18″ (457) ●	127	33	9	7	HPWW0618	HPWW0618BK
	20″ (508) ●	127	35	9	7	HPWW0620	HPWW0620BK
	22″ (559) ●	127	37	12	8	HPWW0622	HPWW0622BK
	24″ (610) ●	150	39	12	8	HPWW0624	HPWW0624BK
8″ Deep Tray	8″ (203) ●	116	27	4	8	HPWW0808	HPWW0808BK
	12″ (305) ●	116	31	6	8	HPWW0812	HPWW0812BK
8″ (208)	16″ (406) ●	116	35	7	9	HPWW0816	HPWW0816BK
	18″ (457) ●	116	37	9	9	HPWW0818	HPWW0818BK
	20″ (508) ●	116	39	9	9	HPWW0820	HPWW0820BK
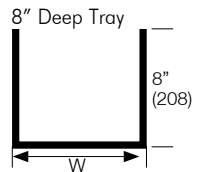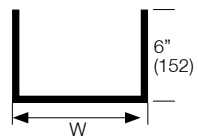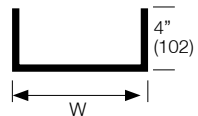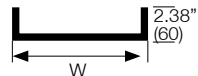
●*UL Classified/cUL Classified as equipment ground conductor*
◆*5mm diameter round wire (all others 6mm diameter round wire)*
Note: All dimensions are +/- 0.25″; custom paint colors available in addition to Black Powder Coat (contact Hubbell)
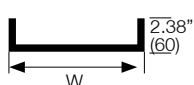
Flattened
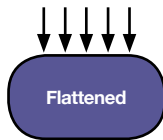
.03125 sq. inch
Flat Wire Design

Features

- Flat shaped cross-wires provide significantly more surface area to support weight of cables
- Flat ribs provide 400% more surface area and reduce stress on cables by 60%
- 100% recycled steel
- 2″ x 4″ mesh opening
- Cable stress reduction helps maintain Cat 6 and Cat 6A performance
- Cuts and configures the same as round wire tray
- Uses the same splicing and mounting hardware as round wire tray

10 Feet per Length 10 pc. min. order qty.	Width	Load (lb/ft)	Weight per Length (lb)	Splice Quantity 90° Sweep Elbow	Straight Splice	Finish Pre-Galvanized	Black Powder Coat
2″ Deep Tray	4” (102)	45	7	2	2	HPWW0204S	HPWW0204SBK
	6” (152) ●	50	9	3	4	HPWW0206S	HPWW0206SBK
	8” (203) ●	52	11	4	4	HPWW0208S	HPWW0208SBK
	12” (305) ●	58	12	6	4	HPWW0212S	HPWW0212SBK
	16” (406) ●	70	15	7	4	HPWW0216S	HPWW0216SBK
	18” (457) ●	70	23	9	4	HPWW0218S	HPWW0218SBK
	20” (508) ●	73	25	9	5	HPWW0220S	HPWW0220SBK
	22” (559)	73	27	12	5	HPWW0222S	HPWW0222SBK
	24” (610) ●	75	31	12	5	HPWW0224S	HPWW0224SBK
	26” (660)	73	33	13	6	HPWW0226S	HPWW0226SBK
	28” (711)	73	35	14	6	HPWW0228S	HPWW0228SBK
	30” (762)	70	38	15	6	HPWW0230S	HPWW0230SBK
	32” (813)	70	39	16	6	HPWW0232S	HPWW0232SBK
4″ Deep Tray	4” (102)	49	12	2	4	HPWW0404S	HPWW0404SBK
	6” (152) ●	49	13	3	5	HPWW0406S	HPWW0406SBK
	8” (203) ●	78	15	4	6	HPWW0408S	HPWW0408SBK
	12” (305) ●	78	23	6	6	HPWW0412S	HPWW0412SBK
	16” (406) ●	108	27	7	7	HPWW0416S	HPWW0416SBK
	18” (457) ●	116	29	9	7	HPWW0418S	HPWW0418SBK
	20” (508) ●	116	31	9	7	HPWW0420S	HPWW0420SBK
	22” (559)	116	33	12	8	HPWW0422S	HPWW0422SBK
	24” (610) ●	116	35	12	8	HPWW0424S	HPWW0424SBK
	28” (711)	108	39	14	9	HPWW0428S	HPWW0428SBK
6″ Deep Tray	8” (203) ●	116	23	4	6	HPWW0608S	HPWW0608SBK
	12” (305) ●	123	27	6	6	HPWW0612S	HPWW0612SBK
	16” (406) ●	123	31	7	7	HPWW0616S	HPWW0616SBK
	18” (457) ●	127	33	9	7	HPWW0618S	HPWW0618SBK
	20” (508) ●	127	35	9	7	HPWW0620S	HPWW0620SBK
	22” (559) ●	127	37	12	8	HPWW0622S	HPWW0622SBK
	24” (610) ●	150	39	12	8	HPWW0624S	HPWW0624SBK
8″ Deep Tray	8” (203) ●	116	27	4	8	HPWW0808S	HPWW0808SBK
	12” (305) ●	116	31	6	8	HPWW0812S	HPWW0812SBK
	16” (406) ●	116	35	7	9	HPWW0816S	HPWW0816SBK
	18” (457) ●	116	37	9	9	HPWW0818S	HPWW0818SBK
	20” (508) ●	116	39	9	9	HPWW0820S	HPWW0820SBK

2.38" (60) — W (2″ Deep Tray)
4" (102) — W (4″ Deep Tray)
6" (152) — W (6″ Deep Tray)
8" (208) — W (8″ Deep Tray)

●UL Classified/cUL Classified as equipment ground conductor
Note: All dimensions are +/- 0.25″; custom paint colors available in addition to Black Powder Coat (contact Hubbell)

5mm
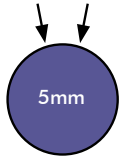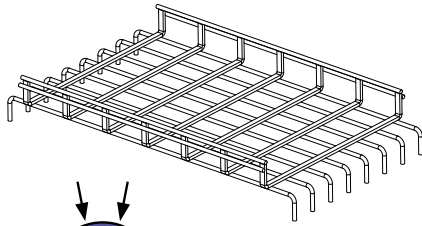
.0078125 sq. inch
Round Wire Design

Features

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening
- Painted tray includes factory installed masking to assure proper grounding at splices; no need to remove paint during installation

Under Floor Wire Basket Tray, Round, Pre-Galvanized

		Width		
Height	Length	6"	12"	22"
2"	2'	**HPWU020602**	**HPWU021202**	**HPWU022202**
	4'	**HPWU020604**	**HPWU021204**	**HPWU022204**
	6'	**HPWU020606**	**HPWU021206**	**HPWU022206**
4"	2'	**HPWU040602**	**HPWU041202**	**HPWU042202**
	4'	**HPWU040604**	**HPWU041204**	**HPWU042204**
	6'	**HPWU040606**	**HPWU041206**	**HPWU042206**
6"	2'	**HPWU060602**	**HPWU061202**	**HPWU062202**
	4'	**HPWU060604**	**HPWU061204**	**HPWU062204**
	6'	**HPWU060606**	**HPWU061206**	**HPWU062206**
8"	2'	–	**HPWU081202**	**HPWU082202**
	4'	–	**HPWU081204**	**HPWU082204**
	6'	–	**HPWU081206**	**HPWU082206**
Flat	2'	–	–	**HPWU002202**

Under Floor Accessories

Description	Contents	Height	Catalog No.
Pedestal, U-clamp	(1) clamp	–	**HPWWPCL**
Pedestal, kit	(2) clamps, 1 cross bar	–	**HPWWPKT**
Support, pre-galvanized	(1) 24" sawhorse style support that mounts onto floor	4"	**HPWWUST04**
		6"	**HPWWUST06**
		8"	**HPWWUST08**
		10"	**HPWWUST10**
		12"	**HPWWUST12**
		14"	**HPWWUST14**
		16"	**HPWWUST16**
		18"	**HPWWUST18**
		20"	**HPWWUST20**
		22"	**HPWWUST22**
		24"	**HPWWUST24**
		26"	**HPWWUST26**
		28"	**HPWWUST28**
		30"	**HPWWUST30**

Center Support
HPWWCSP12

Ceiling Support
HPWWGSP12

Trapeze Support
HPWWTZS

L-Bracket
HPWWLBT04

C-Bracket
HPWWCBT04

Shelf Support
HPWWSSP12

Grounding Kit
HGRKTWB5

Supports*

Width	Center Support		Ceiling Support		Trapeze Support
	Weight (lb/each)	Catalog No.	Weight (lb/each)	Catalog No.	Attaches to the side of the tray; for tray sizes 16" wide and smaller; use in pairs; 50-pack
4" (102)	1.6	**HPWWCSP04**	–	**–**	
6" (152)	1.8	**HPWWCSP06**	–	**–**	Weight (lb)
8" (203)	2	**HPWWCSP08**	–	**–**	Catalog No.
12" (305)	2.7	**HPWWCSP12**	1.1	**HPWWGSP12**	9.0/box **HPWWTZS**
16" (406)	3.3	**HPWWCSP16**	1.5	**HPWWGSP16**	
18" (457)	3.4	**HPWWCSP18**	1.6	**HPWWGSP18**	
20" (508)	3.8	**HPWWCSP20**	1.9	**HPWWGSP20**	
24" (610)	4.4	**HPWWCSP24**	1.9	**HPWWGSP24**	

Brackets*

Width	L-Bracket		C-Bracket		Shelf Support	
	Weight (lb/each)	Catalog No.	Weight (lb/each)	Catalog No.	Weight (lb/each)	Catalog No.
4" (102)	0.7	**HPWWLBT04**	1.2	**HPWWCBT04**	0.4	**HPWWSSP04**
6" (152)	0.8	**HPWWLBT06**	–	**–**	0.5	**HPWWSSP06**
8" (203)	0.9	**HPWWLBT08**	1.5	**HPWWCBT08**	0.6	**HPWWSSP08**
12" (305)	1.4	**HPWWLBT12**	2.0	**HPWWCBT12**	1.2	**HPWWSSP12**
16" (406)	1.5	**HPWWLBT16**	–	**–**	1.7	**HPWWSSP16**
18" (457)	1.7	**HPWWLBT18**	2.7	**HPWWCBT18**	1.9	**HPWWSSP18**
20" (508)	2.1	**HPWWLBT20**	–	**–**	2.6	**HPWWSSP20**
24" (610)	2.3	**HPWWLBT24**	–	**–**	3.2	**HPWWSSP24**

Splice Hardware*

Description	Weight (lb)	Catalog No.
Splice Kit 3 piece staked bolt/washer and nut combination; splices straight sections and field formed fittings; 50-pack	5.0/box	**HPWWSKT**
Bar Splice Slotted bar 11¹⁵⁄₁₆" long; splices straight sections and fittings; bend to form tray reducers; adds rigidity to tray splices; 50-pack	14.0/box	**HPWWBSP**
Corner Splice: (2) 90° splice bars and (8) sets of the splice kit Splice Fittings: use one per each Tee Fitting; use two per each Cross Fitting	1.0 each	**HPWWCSP**
Washer Support Splices straight sections and fittings and can also be used as a hold down method for tray to strut (nut and bolt provided separately); 50-pack	6.0/box	**HPWWWST**
Grounding Kit Provides additional supplemental grounding for basket tray splices; may be specified in addition to the standard method of splicing basket tray using HPWWSKT splice kits; kit includes five 9" #6 AWG copper leads and ten split bolts	1.5 each	**HGRKTWB5**

*Catalog numbers shown are for pre-galvanized accessories. Add "**BK**" to the end of the part number for Black finish.*

METAL | LADDER AND BASKET TRAY

METAL | LADDER AND BASKET TRAY
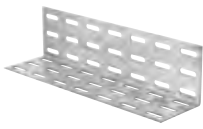
Termination Support
HPWWTST06

Divider
HPWWDVR0205

Fitting Attachment
HPWWFIT45
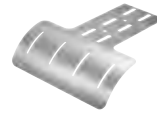
Vertical Down
HPWWVDN

Cable Guide
HPWWCG

Galvanized Steel Covers*

5 feet length per piece

Tray Width In (mm)	Length In (mm)	Weight (lb/each)	Catalog No.
4" (102)	59" (1500)	3	**HPWWC0405**
6" (152)	59" (1500)	3.5	**HPWWC0605**
8" (203)	59" (1500)	4.5	**HPWWC0805**
12" (305)	59" (1500)	6	**HPWWC1205**
16" (406)	59" (1500)	8	**HPWWC1605**
18" (457)	59" (1500)	8.5	**HPWWC1805**
20" (508)	59" (1500)	9.5	**HPWWC2005**
24" (610)	59" (1500)	11	**HPWWC2405**

Galvanized Steel Inserts*

Provides a solid bottom for tray; 5 feet length per piece

Tray Width In (mm)	Length In (mm)	Weight (lb/each)	Catalog No.
4" (102)	59" (1500)	3.5	**HPWWBM0405**
6" (152)	59" (1500)	5.0	**HPWWBM0605**
8" (203)	59" (1500)	7.0	**HPWWBM0805**
12" (305)	59" (1500)	11.0	**HPWWBM1205**
16" (406)	59" (1500)	13.5	**HPWWBM1605**
18" (457)	59" (1500)	16.5	**HPWWBM1805**
20" (508)	59" (1500)	18.0	**HPWWBM2005**
24" (610)	59" (1500)	20.0	**HPWWBM2405**

Galvanized Steel Dividers*

Bolt and nut to secure to support bracket (sold separately); 5 feet length per piece

For use with tray (lb/each)	Length In (mm)	Weight (lb/each)	Catalog No.
2" deep	60" (1524)	2	**HPWWDVR0205**
4" deep	60" (1524)	5	**HPWWDVR0405**
6" deep	60" (1524)	7.5	**HPWWDVR0605**
8" deep	60" (1524)	10	**HPWWDVR0805**

Termination Support*

Secures end of tray to wall and can serve as blank end fitting

Tray Width In (mm)	Weight (lb/each)	Catalog No.
6" (152)	0.75	**HPWWTST06**
8" (203)	1.0	**HPWWTST08**
12" (305)	1.2	**HPWWTST12**
16" (406)	1.4	**HPWWTST16**
18" (457)	1.6	**HPWWTST18**
20" (508)	1.75	**HPWWTST20**
24" (610)	2.0	**HPWWTST24**

Polymer Inserts, Black

Provides a solid bottom for tray; 10 feet length per piece

Tray Width In (mm)	Length In (mm)	Weight (lb/each)	Catalog No.
4" (102)	118" (3000)	0.5	**HPWWP0410**
6" (152)	118" (3000)	0.65	**HPWWP0610**
8" (203)	118" (3000)	0.75	**HPWWP0810**
12" (305)	118" (3000)	1.0	**HPWWP1210**
16" (406)	118" (3000)	1.25	**HPWWP1610**
18" (457)	118" (3000)	1.5	**HPWWP1810**
20" (508)	118" (3000)	1.75	**HPWWP2010**
24" (610)	118" (3000)	2.25	**HPWWP2410**

Attachments*

Description	Weight (lb/each)	Catalog No.
Fitting Attachment, 2": Fills gap when creating fittings	1.0	**HPWWFIT02**
Fitting Attachment, 4" to 6"	1.0	**HPWWFIT45**
Rack Attachment: Attaches tray to top of rack	1.0	**HPWWRAT**
Conduit Attachment: Connects conduit to tray	1.5	**HPWWCAT**

Accessories*

Description	Tray Width In (mm)	Weight (lb/each)	Catalog No.
Radius Down: increases cable protection and cable bend control	4" (102)	2.5	**HPWWRDN04**
	6" (152)	3.75	**HPWWRDN06**
	12" (305)	7.5	**HPWWRDN12**
Vertical Down: protects cables when dropping from the end or side of tray	7¾" (102)	1.5	**HPWWVDN**
Label Clip: attachment for all sizes of tray		0.1	**HPWLBLC**
Cable Guide: maintains cable bend radius; acts as divider for straight sections and fittings		1.0	**HPWWCG**
Electrical Box Bracket: attaches electrical box to side of tray		0.75	**HPWWEBX**
Sidecar: attaches to outside of tray, provides additional cable support 2" deep		0.5	**HPWWSCR**

*Catalog numbers shown are for pre-galvanized accessories. Add "**BK**" to the end of the part number for Black finish.

Cutting Wire Basket Tray

- Always make field cuts with the side action angle cutting tool
- Cuts can be made on any finish, width or depth basket tray
- Cut as many segments required for sweep elbows
  (refer to *Splice Quantity* columns on product pages)
- Remove any sharp edges to eliminate possible damage
  to cables

Splice Kit
HPWWSKT

Bar Splice
HPWWBSP
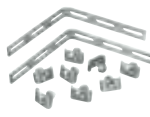
Corner Splice
HPWWCSP

Cutting Tool
HPWCUTTOOL

Splice Hardware

Description	Weight (lb)	Catalog No.	Description	Weight (lb)	Catalog No.
Cutting Tool Manual offset angled cutting tool, 24" leveraged handle	6.0/each	**HPWCUTTOOL**	Corner Splice: (2) 90° splice bars and (8) sets of the splice kit Splices Fittings: Use one per each Tee Fitting; use two per each Cross Fitting	1.0 each	**HPWWCSP**
Splice Kit 3 piece staked bolt/washer and nut combination; splices straight sections and field formed fittings; 50-pack	5.0/box	**HPWWSKT**	Washer Support Splices straight sections and fittings and can also be used as a hold down method for tray to strut (nut and bolt provided separately); 50-pack	6.0/box	**HPWWWST**
Bar Splice Slotted bar 11$^{15}/_{16}$" long; splices straight sections and fittings; bend to form tray reducers; adds rigidity to tray splices; 50-pack	14.0/box	**HPWWBSP**	Grounding Kit Provides additional supplemental grounding for basket tray splices; may be specified in addition to the standard method of splicing basket tray using HPWWSKT splice kits; kit includes five 9" #6AWG copper leads and ten split bolts	1.5 each	**HGRKTWB5**

How to Form a 90° Flat Sweep Elbow

- Determine which wires must be cut for the type of fitting or redirection required. This will usually be the side and bottom wires of every other mesh section.
- Cut the top side wire first.
- Cut the remaining side wires.
- Turn the tray over and cut the bottom wires.
- This creates open gaps in the side wall and bottom of the tray.
- Bend the tray to form the desired elbow radius curve by closing the gaps.
- Install splice kits and hardware where the wedge-shaped sections come together.
- Splice kits provide the mechanical connection, as well as electrical grounding continuity

How to Form a Tee Fitting

- Determine the location of the horizontal "tee" fitting along the length of basket tray.
- Cut the side wires from the tray which shall be the horizontal tray section, to the same width as the perpendicular tray section.
- Do not cut the bottom wires.
- Align the perpendicular tray to the opening in the side of the horizontal tray.
- Position one angle bracket from the HPWWCSP corner splice kit on each side of the opening.
- Secure the angle brackets to the horizontal and perpendicular tray sections with splice kits (nut, bolt, and washer) provided in the HPWWCSP corner splice kit.
- Support the tee fitting on all three sides of the tee using appropriate support method.

METAL | Wall Mount Enclosures

Hubbell offers many comprehensive zone cabling solutions to meet the needs of any topology. Our wall mounted enclosures provide functionality, security and flexibility. A variety of wall mount enclosures and accessories are available to support sound dampening, cable management, grounding and bonding, and fiber adaptability, common with remote applications.

METAL | Wall Mount Enclosures

METAL | WALL MOUNT ENCLOSURES

RE2

RE2B

Specifications

- Load capacity: 100lb
- Designed to meet NEMA 2
- 16 gauge cold rolled steel

Standards

- UL 1863
- Tamper-resistant per Telcordia GR-487-CORE

Commercial Equipment Cabinets

Pre-configured version; includes base/rear section with welded 19" brackets for (2) hubs, front door with (2) locks (NSQ tool), and a set of 19" bottom hinge brackets for patch panels; RE4xx versions also include a set of 19" extension brackets for (3) additional hubs

Switch Capacity	Max. Switch Depth Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Color	Catalog No.
2U	14" (356)	24.2" (615)	7" (178)	32" (813)	Black	**RE2B**
					Light gray	**RE2**
5U	14" (356)	24.2" (615)	10" (254)	32" (813)	Black	**RE4B**
					Light gray	**RE4**
	22" (559)	24.2" (615)	10" (254)	42" (1067)	Black	**RE4XB**
					Light gray	**RE4X**

User-configurable version; includes (1) base/rear section and (1) front door with (2) locks (NSQ tool); IDF24 has only (1) lock

Rear Wall Units* (RWU)	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Color	Catalog No.
2	24.2" (615)	10" (254)	24" (600)	Light Gray	**IDF24**
4	24.2" (615)	10" (254)	32" (813)	Light Gray	**IDF32**
6	24.2" (615)	10" (254)	42" (1067)	Light Gray	**IDF42**

Rear Wall Unit (RWU) Clip System

In this unique system, attachment slots spaced 3" apart are stamped into the rear wall along its entire height. The customer can then clip a wide assortment of accessories to the rear wall of the cabinet to mount patch panels, switches, punch-down blocks, coax splitters and so on.

Feature	Accessories	Benefit
Patch panel mounting	REK19 REK19L	• Mounting patch panels in rear section of QUADCAB® frees space in the center section for more active equipment, resulting in a smaller cabinet profile on the wall or more room for future expansion. • Makes cable termination easier.
Active equipment	REKZ REKZL	• Deep active equipment can be hung vertically. • Blank 19" panels can be used to provide shelves along the rear wall for media converters or other desktop equipment.
Punch-down blocks	REK110	• Mounts 110 and 66 blocks into rear using pre-threaded rails; saves labor time on the job.

① Determine the equipment you need to mount on the rear wall of the cabinet.

② Locate the appropriate accessories on page N6.

③ Determine the amount of space needed for each piece and map out on the guide to the right.

*Each RWU = 6"

Rear Wall Units* (RWU)

6 HSQ48xx, IDF42, IR4xx

5

4 HSQ36xx, IDF32, IR3xx

3

2 HSQ24xx, ISF24, IR2xx

1
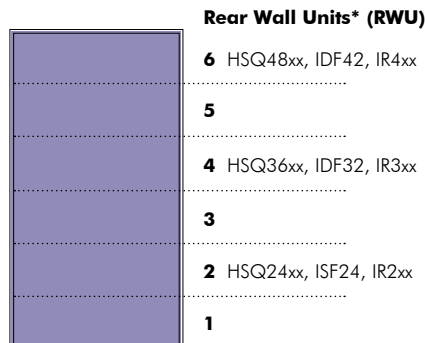
IR4PG   IR4UG

Specifications

- Poured-in polyurethane gasket on door
- Dust and watertight to NEMA 12
- 14 gauge steel

Standards

- UL Listed to UL 508 Type 12 enclosures
  UL File #E64791
- cUL Certified Types 4 and 12 cUL File #LL66078
- NEMA/EEMAC Types 4, 12 and 13

Industrial Equipment Cabinets

Pre-configured version; includes enclosure, bottom-hinged patch panel bracket, 4U (REK19) and an equipment mounting bracket, 5U (REKZ)

Rating	Material/Finish	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
NEMA Rated 4/12/13	Cold rolled steel with powder coat, Gray	24" (610)	12" (305)	36" (914)	**IR3PG**
				48" (1219)	**IR4PG**

User-configurable version; includes enclosure

Rating	Material/Finish	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
NEMA Rated 3R	Cold rolled steel with powder coat, Gray	24" (610)	12" (305)	24" (610)	**IR2U3RG**
				36" (914)	**IR3U3RG**
NEMA Rated 4R	Cold rolled steel with powder coat, Gray	24" (610)	12" (305)	24" (610)	**IR2UG**
				36" (914)	**IR3UG**
				48" (1219)	**IR4UG**
NEMA Rated 4X	Stainless steel with powder coat, Brushed Steel	24" (610)	12" (305)	24" (610)	**IR2USS**
				36" (914.4)	**IR3USS**

HICPSS

Specifications

- Continuous plasma-welded seams
- ¼-turn, oil-tight latches on door
- Poured-in polyurethane gasket on door
- ANSI 61 gray polyester inside and out over phosphatized surfaces (HICP412G)

Consolidation Point Enclosures

House and secure small switches, wireless access points and cross connect products in harsh environments; includes enclosure

Rating	Material/Finish	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
NEMA Rated 4X	14 gauge stainless steel with brushed finish, Gray	12" (305)	6" (152)	12" (305)	**HICPSS**
NEMA Rated 4/12	14 gauge cold rolled steel with powder coat, Gray	12" (305)	6" (152)	12" (305)	**HICP412G**

IR321APG

IR322APG

Specifications

- Poured-in-place polyurethane gasket on door
- ANSI 61 gray polyester powder coat
- 14 gauge steel

Standards

- UL Listed to UL 508 Type 4, 12 and 13, File #E64791
- CSA Certified Type 4, 12 and 13, File #LL66078

Industrial RE-BOX® Cabinet Configured for Cooling

Vertical Equipment Mount: includes enclosure, 4U bottom hinged patch panel bracket (REK19), and 5U equipment mounting bracket (REKZ)

Air Conditioner (Sold Separately)	Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
IRAC1	9U	24" (610)	24" (610)	12" (305)	**IR221APG**
		36" (914)	24" (610)	12" (305)	**IR321APG**
		48" (1219)	24" (610)	12" (305)	**IR421APG**

Horizontal Equipment Mount: includes enclosure, M6 cage nut rail, 50-pack M6 cage nuts

Air Conditioner (Sold Separately)	Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
IRAC3	12U	24" (610)	24" (610)	24" (610)	**IR222APG**
	19U	36" (914)	24" (610)	24" (610)	**IR322APG**

IR211AFK

Specifications

- Poured-in-place polyurethane gasket on door
- ANSI 61 gray polyester powder coat
- 14 gauge steel

Standards

- UL Listed to UL 508 Type 12 enclosures, File #E64791
- CSA Certified 4, 12 and 13, File #LL66078

Industrial RE-BOX® Cabinet Configured for Cooling and Fiber Optics

Pre-configured version; includes enclosure, 2U wall bracket (HPWWB2U4, fiber patch panel kit (REKFP), and 20A power kit (REKP)

Air Conditioner (Sold Separately)	Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
IRAC2	2U	24" (610)	14" (356)	16" (406)	**IR211AFK**

IRAC3

Specifications

- Refrigerant: R-134a (CFC-Free)
- Integrated thermostat

Standards

- UL Listed cUL
- NEMA 4, 12 and 3R Rated

Air Conditioning Units for Industrial RE-BOX®

Includes air conditioner, mounting brackets and hardware for securing air conditioner to Industrial RE-BOX cabinets that have side cutouts

BTU	Amp Draw	Weight (lb)	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Use With	Catalog No.
1160	4.3	26	15" (381)	8" (203)	7" (178)	IRx21APG	**IRAC1**
2000	4	38	18" (457)	12" (305)	7" (178)	IRx11APG	**IRAC2**
3000	6	54	21" (533)	12" (305)	10" (254)	IRx22APG	**IRAC3**

IRF1224

Specifications

- ANSI 61 gray polyester powder coat
- 14 gauge steel

Floor Standing Kits for Industrial RE-BOX®

Includes a pair of floor mount legs that support Industrial RE-BOX cabinets that are 24" wide and 12" or 24" deep

Cabinet Depth	Height (in)	Width (in)	Depth	Use With	Catalog No.
12" (305)	18" (457)	24" (610)	12" (305)	IRx21APG	**IRF1812**
24" (610)	12" (305)	24" (610)	24" (610)	IRx22APG	**IRF1224**

METAL | WALL MOUNT ENCLOSURES

HSQ48

HSQ36S

Specifications

- Load capacity: 400lb
- 19" rack-style rails tapped #12-24 per EIA-310-D
- Finish: powder coat black
- Three independent sections:
  - Rear section mounts to wall
  - Center section hinged to swing out
  - Front and rear door lockable
  - Rear cabinet section accepts
    RE-BOX® accessories

QUADCAB® Wall Mount Cabinets

Includes (1) rear section (arrives disassembled, facilitating installation), (1) front door, (2) 19" mounting angles, (1) center section with (2) CH751 locks, (2) top/bottom cover plates, (2) hinge pins, (2) security cotter pins

Window Door Style

Rack Units	Rear Wall Units* (RWU)	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Window Door Style
12	2	24" (610)	22.6" (574)	20" (508)	**HSQ24**
				26" (660)	**HSQ2426**
				36" (914)	**HSQ2436**
19	4	36" (914)	22.6" (574)	20" (508)	**HSQ36**
				26" (660)	**HSQ3626**
				36" (914)	**HSQ3636**
26	6	48" (1219)	22.6" (574)	20" (508)	**HSQ48**
				26" (660)	**HSQ4826**
				36" (914)	**HSQ4836**

Solid Door Style

Rack Units	Rear Wall Units* (RWU)	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Solid Door Style
12	2	24" (610)	22.6" (574)	20" (508)	**HSQ24S**
				26" (660)	**HSQ24S26**
				36" (914)	**HSQ24S36**
19	4	36" (914)	22.6" (574)	20" (508)	**HSQ36S**
				26" (660)	**HSQ36S26**
				36" (914)	**HSQ36S36**
26	6	48" (1219)	22.6" (574)	20" (508)	**HSQ48S**
				26" (660)	**HSQ48S26**
				36" (914)	**HSQ48S36**

Note: RWU = 6"; details on page N3

Grounding Kit
REKGB

Fan Kit
REKF

Fan Kit with Tray
HWKF120

Dust Filter
HWKFF

Grounding Kit

Busbar with ring jumpers

Catalog. No.	**REKGB**

For use with QUADCAB, RE-BOX and IR series cabinets.

Patch Panel Mounting Brackets

Mount 19" patch panels to rear wall; includes (2) brackets (left and right)

Rack Units	RWU	Catalog. No.
4	1	**REK19**
2	1	**REK19L**

For use with QUADCAB, RE-BOX and IR series cabinets.

Equipment Mounting Brackets

Provides 19" mounting for hubs and other active equipment to rear wall; includes (2) brackets (left and right)

Rack Units	RWU	Catalog. No.
5	1	**REKZ**
3	1	**REKZL**

Note: Account for depth of equipment.
For use with QUADCAB, RE-BOX and IR series cabinets.

Fan Kit

Enhances ventilation; includes (1) 57-CFM fan, finger guard, disconnect power cord, 2-prong plug, foam baffle, adhesive-backed baffle, #6-32 mounting screws and assembly bracket

Catalog No.	**REKF**

Note: Order (1) per RE2; order (2) per RE4, RE4X, IDF.
For use with QUADCAB and RE-BOX cabinets.

Fan

Increases ventilation; includes (1) 57CFM fan, finger guard, (4) lock nuts, screws, and washers, and a 6' cord with plug

Description	Catalog. No.
Fan, 120V/7A	**REKEF**

For use with QUADCAB and RE-BOX cabinets.

Fan Kits with Tray

Increases ventilation; includes wired fan tray assembly with (2) fans (57CFM each) and mounting hardware kit

Description	Catalog. No.
114CFM, 120VAC, 60Hz, 36dBA	**HWKF120**
114CFM, 230VAC, 50Hz, 36dBA	**HWKF230**

For use with QUADCAB cabinets only.

Thermostat

Includes thermostat, adhesive-backed mounting bracket and wiring harness

Catalog. No.	**CTK**

For use with QUADCAB, RE-BOX and IR series cabinets.

¾" Plywood Backboards

Universal rear wall mounting for wall mounted brackets, blocks, splitters, hubs and other devices; includes 0.75" APA grade AC plywood painted fire-retardant white, (2) mounting brackets, (1) assembly hardware kit

Dimensions	RWU	Catalog No.
20" x 19"	2	**REKBB20**
30" x 19"	3	**REKBB30**
40" x 19"	4	**REKBB40**

For use with QUADCAB, RE-BOX and IR series cabinets.

20A Power Kit

Occupies left or right side of one rear panel space; includes Hubbell surge-protected duplex receptacle with audible alarm (HBL5362ISA), single-gang work box, 6' Hubbell POLYTUFF® non-metallic conduit, stainless steel face plate, and assembly hardware kit

Catalog No.	**REKP**

For use with QUADCAB, RE-BOX and IR series cabinets.

Padlock Hasp Kit

Includes (2) padlock hasps, (4) ¼"-20 carriage bolts, hex nuts and washers

Catalog No.	**REKH**

For use with RE-BOX cabinets only.

Reusable Dust Filter

Kit includes (2) filters with pre-assembled adhesive VELCRO® fasteners

Catalog No.	**HWKFF**

Note: Two kits are needed for 3' and 4' cabinets.
For use with QUADCAB cabinets only.

Fan Filter Kit

For use with RE4, RE4X, IDF only; includes mounting bracket, foam filters, and assembly hardware kit

Catalog No.	**REKFF**

For use with RE-BOX cabinets only.

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METAL | WALL MOUNT ENCLOSURES

Equipment Shelf
MCCCS19

Recessed Mounting Kit
REKR32

Fiber Optic Bracket
REKFP

Sound Dampening Kit
REKS

Mounting Rails
REK110

Conversion Kits

Convert an RE2 to an RE4 for added space; includes RE4 door, (2) RE4 extender brackets, and (2) 4U bottom hinged patch panel brackets

Color	Catalog No.
Black	**REKUB**
Gray	**REKU**

For use with RE-BOX cabinets only.

Recessed Mounting Kits

Enables recessed mounting with louvered section at bottom for cabinet ventilation; includes trim ring, $\frac{1}{4}$" x $\frac{5}{8}$" sheet metal screws and #12-24 x 1$\frac{1}{4}$" pan head screws

Height Inches (mm)	Catalog No.
24" (607)	**REKR24**
32" (813)	**REKR32**
42" (1067)	**REKR42**

For use with RE-BOX cabinets only.

IDF Mounting Bracket

Use with residential structured cabling modules shown on page U7 and with NSOFSB; includes bracket

RWU	Catalog No.
1.5	**REKHS**

For use with QUADCAB, RE-BOX and IR series cabinets.

110/66 Block Mounting Rails

Provides mounting for 110 and 66 blocks; mounts to rear wall; includes (2) 110/66 block mounting rails and (20) #10-24 x $\frac{1}{2}$" screws

RWU	Catalog No.
2	**REK110**

For use with RE-BOX cabinets only.

Fiber Optic Bracket

Accepts one fiber FSP adapter panel; occupies no rear panel spaces; includes fiber optic bracket

Catalog. No.	
	REKFP

For use with QUADCAB, RE-BOX and IR series cabinets.

Equipment Shelves, Cantilevered

Black; includes (1) shelf and mounting hardware kit

Description	Dimensions	Catalog. No.
Solid	3.5"H x 17"W x 14"D	**MCCCS19**
Perforated	3.5"H x 17"W x 14"D	**MCCCS19P**

For use with QUADCAB cabinets only.

Equipment Shelves, Stationary

For use with 36" deep enclosures; Black; includes (1) shelf and mounting hardware kit

Description	Dimensions	Catalog. No.
Solid	17.7" W x 29.2" D	**CKSSD**
Perforated	17.7" W x 29.2" D	**MCCPSHLF**

For use with QUADCAB cabinets only.

Left Hand Hinge Kit

Use to reverse door; includes (2) sets of left hand door hinges

Catalog No.	
	REKI

For use with RE-BOX cabinets only.

Gasket Kit

Protect against dust and water to enhance performance of fan and filter; includes (1) roll adhesive-backed foam gasket

Length (ft)	Thickness	Catalog No.
10'	$\frac{1}{8}$" x $\frac{1}{2}$"	**REKG**[1]
30'	$\frac{3}{4}$" x $\frac{1}{16}$"	**HWKGT**[2]

[1]*For use with RE-BOX cabinets only.*
[2]*For use with QUADCAB cabinets only.*

Sound Dampening Kit

Dampen noise generated from active equipment in cabinet; includes polyurethane foam pieces, pre-cut to line cabinet interior

Catalog No.	
	REKS

For use with RE-BOX cabinets only.

Joining Kit REKTJ	Locking Kit CKL333	DIN Rail Kit HIDRUBCKIT	Panel Bracket for FSP Adapter NSOFSB	Door with Window HQKWD48

Joining Kits

Join cabinets side-by-side or top-to-bottom; includes shroud and mounting hardware kit

Description	Catalog No.
Top-to-bottom kit for use with all RE-BOX® cabinets	**REKTJ**
Side-by-side kit for IDF24, IDF24L	**REKSJ20**
Side-by-side kit for RE2, RE4, IDF32	**REKSJ30**
Side-by-side kit for RE4X, IDF42	**REKSJ40**

For use with RE-BOX cabinets only.

DIN Rail Communications Kit

Unloaded utility box kit

Catalog. No.	
	HIDRUBCKIT

Note: See page B9 for decorator and duplex frames.
For use with QUADCAB cabinets only.

Mobile Bases

Convert wall mount cabinet to floor standing cabinet; includes (1) mobile base, (4) swivel casters, (4) leveling feet and mounting hardware kit

Description	Catalog. No.
20" depth	**HSQKMB20**
26" depth	**HSQKMB26**
36" depth	**HSQKMB36**

For use with QUADCAB cabinets only.

Rear Rail Kits

Support rear of deep, active equipment or adapt to accept cage nuts; includes (2) 19" mounting rails, mounting hardware kit and (20) screws and washers

Description	Catalog. No.
24" x M6	**HWK6M6**
36" x M6	**HWK9M6**
48" x M6	**HWK12M6**
24" x #12-24	**HWK241224**
36" x #12-24	**HWK361224**
48" x #12-24	**HWK481224**

For use with QUADCAB cabinets only.

Lock Kits

Change lock style to meet specific applications; includes (2) assembly locks and keys (except CKL716 which includes NSQ tool)

Description	Catalog. No.
CH751 keyed lock kit	**CKL751**
333 keyed lock kit	**CKL333**
Bellcore 716 bit lock	**CKL716**
Cat 60 keyed lock kit	**CKLCAT60**
Cat 70 keyed lock kit	**CKLCAT70**

For use with QUADCAB cabinets only.

Panel Bracket for FSP Adapter

Use with adapter panels on page G10 and G11; snap mounts into structured cabling enclosures; includes bracket

Catalog. No.	
	NSOFSB

For use with RE-BOX cabinets only.

Front Doors

Replacement front doors for QUADCAB® enclosures; includes (1) door, (1) window (on Plexiglas® doors only), (2) hinge barrels, right and left hinges, (4) lock nuts and (4) carriage bolts

Color	Height	Solid Metal Door	Window Door
Black	24"	**HQKSD24**	**HQKWD24**
	36"	**HQKSD36**	**HQKWD36**
	48"	**HQKSD48**	**HQKWD48**
White	24"	**HQKSD24W**	**HQKWD24W**
	36"	**HQKSD36W**	**HQKWD36W**
	48"	**HQKSD48W**	**HQKWD48W**

For use with QUADCAB cabinets only.

MT10 Adapter

Mates PS3 large capacity, 3-channel, surface raceway to the top of cabinet, routing both electrical and communications cables; includes base, cover and cover hardware kit

Catalog. No.	
	REKMT10

For use with QUADCAB and RE-BOX cabinets.

Plexiglas is a registered trademark of Altuglas International, Arkema Group.

HPWWMR24   HPWWMR36

Specifications

- Load capacity: 70lb
- Material: 16 gauge braces; 12 gauge equipment frame
- Finish: durable black powder coat
- 3" deep rack uprights
- EIA-310-D universal spacing tapped #12-24 front and back

Wall Mount Swing Frames

Black finish, includes (1) rack frame and mounting hardware (50 #12-24 screws)

Rack Units	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
12	20.7" (526)	18" (457)	24" (610)	**HPWWMR24**
19	20.7" (526)	18" (457)	36" (914)	**HPWWMR36**
26	20.7" (526)	18" (457)	48" (1219)	**HPWWMR48**

HPWWB2U4
HPWWB4U8   HPWWB6U18

Specifications

- Load capacity:
  - 4 and 6 rack units: 50lb
  - 1 and 2 rack units: 25lb
- 16 gauge steel construction
- Finish: durable black powder coat
- EIA-310-D universal spacing tapped #12-24

Wall Mount Brackets, Bottom-Hinged

Includes assembled bottom-hinged wall bracket

Rack Units	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
1	19" (483)	4" (102)	1.75" (45)	**HPWWB1U4**
2	19" (483)	4" (102)	3.50" (89)	**HPWWB2U4**
		8" (203)	3.50" (89)	**HPWWB2U8**
4	19" (483)	4" (102)	7.00" (178)	**HPWWB4U4**
		8" (203)	7.00" (178)	**HPWWB4U8**
6	19" (483)	4" (102)	10.50" (267)	**HPWWB6U4**
		8" (203)	10.50" (267)	**HPWWB6U8**
		18" (457)	10.50" (267)	**HPWWB6U18**

Wall Mount Brackets, Side-Hinged

Includes assembled side-hinged wall bracket

Rack Units	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
2	19" (483)	4" 102)	3.50" (89)	**BRMCCMB19X35X4**
4	19" (483)	4" (102)	7.00" (178)	**BRMCCMB19X7X4**
2	19" (483)	8" (203)	3.50" (89)	**BRMCCMB19X35X8**
4	19" (483)	8" (203)	7.00" (178)	**BRMCCMB19X7X8**

RE-BOX

HUBBELL

CPEB

Specifications

- Rails tapped #10-24
- Finish:
  - Enclosure: zinc galvanized
  - Cover: powder coat

Standards

- UL 1863 listed

Consolidation Point Enclosures with Solid Cover

Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Color	Catalog No.
14.5" (368)	4.5" (114)	21" (533)	Black	**CPEB**
			Ivory	**CPEI**

Trim Rings

Color	Catalog No.
Black	**CPKTRB**
Ivory	**CPKTRI**

Louvered Covers

Color	Catalog No.
Black	**CPKLDB**
Ivory	**CPKLDI**

Lock Kit

Description	Catalog No.
Chromed steel, includes (2) keys	**FLOCK1**

AVCE1P

Specifications

- Surface finish: white powder coat
- Enclosure: 18 gauge cold rolled steel
- Mounting brackets: 18 gauge welded steel

AV Ceiling Enclosures

White, includes enclosure, (2) 20A duplex receptacles and 2-gang back box

Description	Catalog No.
Plenum rated	**AVCE1P**
Standard	**AVCE1**

Data Kit

Includes 15-pin VGA 6ft BK, 9-pin serial cable 6ft BK, RCA composite 6ft BK, Cat 6 6ft and 1ft W and Cat 6 shielded 1ft and 15ft W and 10ft of 1in black VELCRO® Brand hook-and-loop fastener

Catalog. No.	AVCE1KIT

FPTV Connection Enclosure

White

Description	Catalog No.
2-gang in-wall enclosure	**NSAV62M**
Steel cover for NSAV6 series	**NSAV6C**

For FPTV Enclosure details and specifications, see page U3.

Thermostat Kit

Catalog. No.	**CTK2**

ZAFB4U6

Specifications

- Aluminum enclosure, .060
- Tapped holes in brackets: #12-24
- Mounts in standard 24" x 24" raised floor panel spaces

Zone Access Floor Boxes

Includes enclosure, fire-rated foam kits for cable entries and exits, leveler bolts, support brackets and cable entry port covers

Description	Rack Units	Max. Port Capacity	External Dims. H x W x D	Internal Dims. H x W x D	Weight (lb)	Min. Floor Depth	Cable Entry Dims.	Catalog No.
Floor box	4	96	4.12" x 21.9" x 21.9"	4" x 21" x 21"	14	6"	3.5" x 11"	**ZAFB4U6**
	8	192	7.12" x 21.9" x 21.9"	7" x 21" x 21"	15	8"	3.5" x 11"	**ZAFB8U8**
Cover	–	–	22" x 22"	–	5	–	–	**ZAFBC**

Note: ZAFBC uses key number 2233.

ZCB5UP

Specifications

- Active equipment maximum dimensions: 3.5" x 15.5" x 19"
- Mounts in standard 24" x 24" drop ceiling panel spaces
- Structural mounting hardware supplied by installer

Standards

- Plenum rated, UL listed, file no. E129878
- UL V0 flame rating on ABS trim ring

Zone Access Ceiling Boxes

Includes enclosure, knob assemblies, fire-rated foam kit for cable entries and exits, support brackets, hinged door plate, equipment mounting assemblies and 9-CFM/12V fan and transformer (active unit only)

Description	Rack Units	Max. Port Capacity	External Dims. H x W x D	Door Weight	Weight Capacity (lb)	Total Weight (lb)	Cable Entry Description	Catalog No.
Passive zone ceiling box	5	120	12" x 24" x 24"	25	38	75	6" x 3"	**ZCB5UP**
Active zone ceiling box	7	120 plus 2U active equip	12" x 24" x 24"	25	39	75	3.5" x 11"	**ZCB7UA**
Zone ceiling box lock kit	–	–	–	–	–	–	–	**ZCBLKIT**
Spare zone ceiling box key	–	–	–	–	–	–	–	**KEY333**

WBC1

Specifications

- Material: aluminum .060
- Plenum rated
- Accepts most standard, low voltage wireless access points
- Accommodates sized ceiling tiles on the doors

Standards

- UL listed, file no. E129878 (ceiling box)

Wireless Access Point Security Ceiling Box

Includes enclosure, lockable knob assembly, fire-rated foam kit for cable entries and exits, cable entry port and cover (factory installed), and hinged door equipment mounting plate (factory installed)

Description	Mounting Plate Dims. H x W	External Dimensions H x W x D	Door Weight Capacity (lb)	Total Capacity (lb)	Cable Entry Dimensions	Catalog No.
Universal WAP enclosure	9.7" x 5.25"	4" x 10" x 12.7"	15	20	6.5" x 1.2"	**WBC1**
Cisco® Aironet® 1200 series	–	10" x 10.5" x 13.2"	15	20	6.5" x 1.2"	**WBC12**

Note: WBC1 uses Key Number 2233. WBC12 uses Key Number C346A.

WBW1OW

Specifications

- Vented, steel enclosure
- Finish: durable powder coat
- Cable entry/exit: four $7/8$" round knock-out openings on sides, top and bottom
- Cable entry/exit: one $13/8$" knock-out on back

Wireless Access Point Security Wall Box

Includes enclosure, lockable knob assembly, #10 x 1" pan head screws, conical screw anchors, flat steel washers and drill template

Description	External Dimensions H x W x D	Weight (lb)	Color	Catalog No.
Wall box	8" x 11" x 3"	1.5	Black	**WBW1BK**
			Office White	**WBW1OW**
Spare wall box lock key	–	–	–	**KEY333**

Note: WBW1OW and WBW1BK uses Key Number 333.

Cisco and Aironet are registered trademarks of Cisco Systems, Inc.

METAL | Full Size Cabinets

Hubbell full size enclosures are for high density cabling requirements in data centers and telecommunication rooms. The H2 Series products have been designed to maximize air flow, support increased load capacity and provide easy access to cables and patch cords.

METAL | Full Size Cabinets

Network Cabinet
H2N8442

Cabinet without Sides
H2N8442E

Specifications

- Cold rolled steel
- 12 gauge steel vertical rails
- 16 gauge steel doors
- 18 gauge steel side covers
- Black powder coated
- Integrated lock, single front and rear doors
- Leveling feet
- 2,000lb static load capacity
- Locks are standard on doors and sides
- #12-24 threaded hole configuration

Standards

- UL 1863
- EIA-310-D Hole Spacing

Network Cabinets

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
43	80" (2032)	30" (762)	32" (813)	**H2N8032***
			36" (914)	**H2N8036***
45	84" (2134)	30" (762)	32" (813)	**H2N8432***
			36" (914)	**H2N8436***
			42" (1067)	**H2N8442***
			48" (1219)	**H2N8448**
48	90" (2286)	30" (762)	42" (1067)	**H2N9042**
			48" (1219)	**H2N9048**

Seismic Z4 dynamic loading 1,000lb

Network Cabinets without Sides

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
43	80" (2032)	30" (762)	32" (813)	**H2N8032E***
			36" (914)	**H2N8036E***
45	84" (2134)	30" (762)	32" (813)	**H2N8432E***
			36" (914)	**H2N8436E***
			42" (1067)	**H2N8442E***
			48" (1219)	**H2N8448E**

Seismic Z4 dynamic loading 1,000lb

Server Cabinet
H2S8442

Cabinet without Sides
H2S8442E

Specifications

- Cold rolled steel
- 12 gauge steel vertical rails
- 16 gauge steel doors
- 18 gauge steel side covers
- Black powder coated
- Integrated lock, single front and rear doors
- Leveling feet
- 2,000lb static load capacity
- Locks are standard on doors and sides
- M6 square holes

Standards

- UL 1863
- EIA-310-D Hole Spacing

Server Cabinets

Square holes for M6 cage nuts

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
43	80" (2032)	24" (607)	42" (1067)	**H2S8042***
			48" (1219)	**H2S8048**
45	84" (2134)	24" (607)	36" (914)	**H2S8436***
			42" (1067)	**H2S8442***
			48" (1219)	**H2S8448**
48	90" (2286)	24" (607)	42" (1067)	**H2S9042**
			48" (1219)	**H2S9048**

Seismic Z4 dynamic loading 1,000lb

Server Cabinets without Sides

Square holes for M6 cage nuts

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Catalog No.
43	80" (2032)	24" (607)	42" (1067)	**H2S8042E***
			48" (1219)	**H2S8048E**
45	84" (2134)	24" (607)	36" (914)	**H2S8436E***
			42" (1067)	**H2S8442E***
			48" (1219)	**H2S8448E***

Seismic Z4 dynamic loading 1,000lb

METAL | FULL SIZE CABINETS

Spool
ICKSS

Fan Kit
H2KNF

Caster Kit
H2KMB

Conductor Kit
HGRKT

Replacement Sides (Pair/One Side)

Height Inches (mm)	Depth Inches (mm)	Catalog No.
80" (2032)	32" (813)	**H2CVR8032**
	36" (914)	**H2CVR8036**
	42" (1067)	**H2CVR8042**
84" (2134)	32" (813)	**H2CVR8432**
	36" (914)	**H2CVR8436**
	42" (1067)	**H2CVR8442**
	48" (1219)	**H2CVR8448**

Cabinet Joining Kit

Description	Catalog No.
Includes hardware	**H2JKT**

Right Hand Hinge Kit

Description	Catalog No.
1-pair	**H2RH**

Telescoping Chimney for H2 Cabinet

Cabinet Type	Telescoping Inches (mm)	Catalog No.
Network 30" width	21–36" (533–914)	**H2NCH2136**
	36–66" (914–1676)	**H2NCH3666**
Server 24" width	21–36" (533–914)	**H2SCH2136**
	36–66" (914–1676)	**H2SCH3666**

Cable Management Spools

Color	Description Inches (mm)	Qty	Catalog No.
Black	3" (76)	50	**ICKSS**
	6" (152)	50	**ICKSS6**
	9" (229)	50	**ICKSS9**

Cable Management Rail Plug

Description Inches (mm)	Qty	Catalog No.
H2N, rail plug, 2" x 5" (51 x 127)	12	**H2P25**

M6 Cage Nut Rails for Network Cabinet

Height Inches (mm)	Qty	Catalog No.
80" (2032)	2	**H2NM6R80**
84" (2134)	2	**H2NM6R84**
90" (2286)	2	**H2NM6R90**

Cantilevered
MCCCS19

Cantilevered
MCCCWS19HD

Center Weighted
MCCCWS19

Busbar
HBBBHR19KT

Equipment Shelves

Stationary shelf, 16 gauge, #12-24 mounting hardware

Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Load (lb)	Shelf	Catalog No.
Cantilevered	3.5" (89)	17" (432)	14" (356)	50	Solid	**MCCCS19**
					Perforated	**MCCCS19P**
	7" (178)	19" (483)	20" (508)	200	Solid	**MCCCWS19HD**
Center-weighted	3.5" (89)	17" (432)	19" (483)	75	Solid	**MCCCWS19**

Cabinet Fan Kits, 460 CFM

Enclosure will accept two Fan Kits

For Use With	Catalog No.
Network cabinets, 30" width	**H2KNF**
Server cabinets, 24" width	**H2KSF**

Conductor Kits

Description	Catalog No.
Front to rear rails	**HGRKTD45DN**
Cabinet to conductor bracket	**HGRKTD45C46**

Vertical Cable Management Bars

Size	Catalog No.
For 80" cabinet	**H280CM**
For 84" cabinet	**H284CM**
For 90" cabinet	**H290CM**

Rack Bonding Busbars

Description Inches (mm)	Catalog No.
19" (483) width	**HBBBHR19KT**
36" (914) height	**HBBBVR36KT**
76" (1930) height	**HBBBVR76KT**

19" Filler Panels

Black; includes (1) panel and (4) HPW screws

Rack Units	Height Inches (mm)	Flat Catalog No.	Angled Catalog No.
1	1.75" (44)	**MCCBP175**	**ABP175**
2	3.50" (89)	**MCCBP350**	**ABP350**
4	7.00" (178)	**MCCBP700**	–

Caster Kit

Description	Catalog No.
4-piece	**H2KMB**

METAL | Grounding and Bonding

Hubbell's full line of grounding and bonding products will protect and secure active equipment from harmful electrical interference. These products provide the best performance and are highly adaptable to fit within numerous building applications.

METAL | Grounding and Bonding

METAL | GROUNDING AND BONDING

A Conductor Bracket for Ladder
HGBTEBCBRKL10

B 12ft Conductor with double lug
HGRKTD144DB

C Ladder tray jumper
HGRKTD9D

D Ladder to Conductor
HGRKTD60DB

E Conductor with C-Tap to 76" Busbar
HGRKTD60C46

F Conductor with C-Tap to 19" Busbar
HGRKTDA60C46

G Conductor with C-Tap to 36" Busbar
HGRKTDB60C46

H 76" x ¾" Vertical Busbar
HBBBVR76KT

I 19" Horizontal Busbar
HBBBHR19KT

J 36" x ¾" Vertical Busbar
HBBBVR36KT

K 10" x 2" Wall Mounted Busbar
HBBB14210A
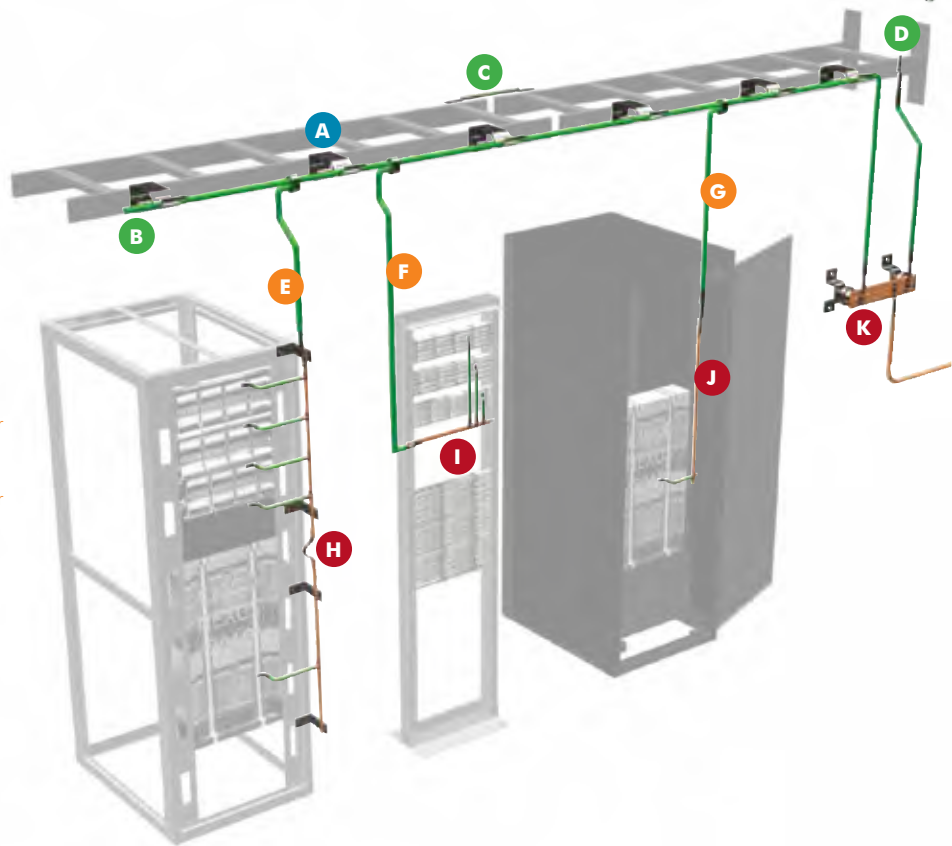
Horizontal Busbar Kit
HGRKTHT
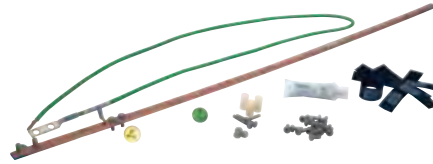
Vertical Busbar Kit
HGRKTVC

Wall Mounted Busbar Kit
HGRKTTGB10A

On-Rail Kits

Includes: 19" busbar; insulators ((2) nylon bushings, (2) nylon washers); mounting hardware ((2) M6 stainless screws, (2) #12-24 stainless screws); lug (DA crimped to 60", 6AWG); lug mount ((8) #6-32 stainless screws); ESD port for 4mm banana plug; VELCRO® strap; antioxidant

Description	Material	Single Pack	10-Pack
On-rail mounted; 19" rack grounding busbar	Copper	**HGRKTHC**	**HGRKTHC10**
	Tin-plated	**HGRKTHT**	**HGRKTHT10**

In-Cabinet Kits

Includes: 36" busbar; insulators ((2) nylon bushings, (2) nylon washers); mounting hardware ((2) M6 stainless screws, (2) #12-24 stainless screws); lug (DA crimped to 60", 6AWG); lug mount ((8) #6-32 stainless screws); ESD port for 4mm banana plug; VELCRO® strap; antioxidant

Description	Material	Single Pack	10-Pack
In-cabinet mounted; 36" rack grounding busbar	Copper	**HGRKTVC**	**HGRKTVC10**
	Tin-plated	**HGRKTVT**	**HGRKTVT10**

Wall Mounted Busbars

Busbar kit includes: copper busbar with stainless steel brackets and insulators; (1) 6AWG lug; (1) 2AWG lug; (2) 2/0AWG lugs; (1) 4/0AWG lug; stainless steel lug mounting hardware; Penetrox™ antioxidant; ground label

Size	Catalog No.
2" x 10"	**HGRKTTGB10A**
4" x 16"	**HGRKTTMGB16H**

VELCRO® is a registered trademark of Velcro Industries B.V. Penetrox™ is a trademark of Burndy Corporation.

Kits Include

- 6AWG copper wire green insulated
- Long barrel lug(s) with inspection window
- Stainless steel mounting hardware
- 0.5oz tube of antioxidant
- Caution and GND labels

Hole Mounting Dimensions

Lug Style	Hole Diameter	Hole Spacing	Angle
S	0.25"	–	0
D	0.25"	0.625"	0
DF	0.25"	0.625"	45
DN	0.25"	0.625"	90
DA	0.25"	0.75"	0
DB	0.25"	1.0"	0
DK	0.25"	–	0

Color code indicates hole spacing

Configuring Bonding Conductor Kits

Base Catalog No.	Lug 1 Catalog No.	Length (Inches) Catalog No.	Lug 2 Catalog No.
HGRKT	D	30"	D
	DA	45"	DF
	DB	60"	DN
		90"	DA
		144"	DB

Example: HGRKT | Lug 1: DA | Length (Inches): 30 | Lug 2: DN
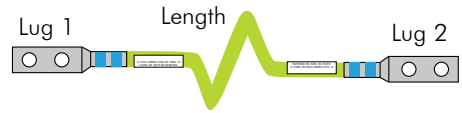
Short Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
HGRKTD9D	Ladder tray jumper	D	9" (229)	D
HGRKTS9S		S	9" (229)	S
HGRKTD9DXX10*		D	9" (229)	D
HGRKTDK11DKXH**	Extruded aluminum ladder tray	DK	11" (279)	DK

*Bulk 10-pack, no hardware, no antioxidant
**No antioxidant

Medium Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
HGRKTD30S	Surge suppressor conductor	D	30" (762)	S
HGRKTD30DN	Front to rear cabinet rail jumper	D	30" (762)	DN
HGRKTD45DN		D	45" (1143)	DN
HGRKTD45DF	Network equipment conductor	D	45" (1143)	DF
HGRKTD45DFXX*		D	45" (1143)	DF

*Economy version, no hardware, no antioxidant

Long Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
HGRKTD144DA	Telecommunications equipment bonding conductor	DA	144" (3658)	D
HGRKTX240D		–	250" (6350)	D
HGRKTX360D		–	360" (9144)	D

Specialty Conductors

Catalog No.	Common Application	Lug 1	Length Inches (mm)	Lug 2
HGRKTD30KS25	Armored fiber	D	30" (762)	HGBKS25
HGRKTDA30C46	Conductor with 6AWG C-tap	DA	30" (762)	C46
HGRKTDA60C46		DA	60" (1524)	C46
HGRKTD60C46	Rack bonding conductor with C-tap	C	60" (1524)	C46

METAL | GROUNDING AND BONDING

Specifications
- Solid copper construction and tin plated
- UL Listed 90° C, 600V to 35kV
- Die index traceable
- UL and CSA Listed

Lug Reference
- Hole diameter: 38 = 3/8" = 0.375"
- Window: inspect wire
- Barrel length: long series
- Die index: match with traceable die

Lugs   *Color code indicates hole spacing*
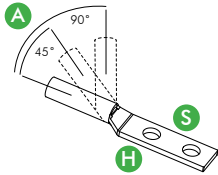
Wire Size	6AWG	4AWG	2AWG	1AWG	1/0	2/0	3/0
Pkg Qty	50	50	25	25	10	10	10
Barrel Color	Blue	Gray	Brown	Green	Pink	Black	Orange

Style	Lug Style	A = Angle	H = Hole	S = Spacing							
Single	S	0°	0.250"	–	HGBL06S	HGBL04S	HGBL02S	HGBL01S	HGBL10S		
Single		0°	0.375"	–			HGBL02SA	HGBL01SA	HGBL10SA	HGBL20SA	HGBL30SA
Double	D	0°	0.250"	0.625"	HGBL06D	HGBL04D	HGBL02D	HGBL01D	HGBL10D	HGBL20D	
Double	DA	0°	0.250"	0.750"	HGBL06DA	HGBL04DA	HGBL02DA	HGBL01DA	HGBL10DA	HGBL20DA	HGBL30DA
Double	DB	0°	0.375"	1.000"	HGBL06DB	HGBL04DB	HGBL02DB	HGBL01DB	HGBL10DB	HGBL20DB	HGBL30DB
Single	SF	45	0.250"	–	HGBL06SF	HGBL04SF	HGBL02SF				
Double	DF	45°	0.250"	0.625"	HGBL06D45	HGBL04D45	HGBL02D45				
Double	DN	90°	0.250"	0.625"	HGBL06D90	HGBL04D90	HGBL02D90		HGBL10D90		
Double		90°	0.375"	1.000"	HGBL06DB90	HGBL04DB90	HGBL02DB90		HGBL10DB90		
Double	DK	0°	0.27"	1.6"	HGBL06DK						
Double	DKN	90°	0.27"	1.6"	HGBL06DKN						

Die Index	7	8	10	11	12	13	14
HU Series	HU5CRT	HU4CRT	HU2CRT	HU1CRT	HU25RT	HU26RT	HU27RT
HW Series	HW5CRT	HW4CRT	HW2CRT	HW1CRT	HW25RT	HW26RT	HW27RT
HX Series	HX5CRT	HX4CRT	HX2CRT	HX1CRT	HX25RT	HX26RT	HX27RT
Dieless	(2)	(2)	(2)	(4)	(4)	(4)	(4)

See page P12

Large Lugs
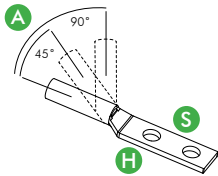
Wire Size	4/0	250kcmil	300kcmil	350kcmil	500kcmil	6000kcmil	750kcmil
Pkg Qty	10	5	5	5	5	5	5
Barrel Color	Purple	Yellow	White	Red	Brown	Green	Black

Style	A = Angle	H = Hole	S = Spacing							
Double	0°	0.375"	1.0"	HGBL40DB	HGBL250DB	HGBL300DB	HGBL350DB	HGBL500DB	HGBL600DB	HGBL750DB

Die Index	15	16	17	18	20	22	24
HU Series	HU28RT	HU29RT	HU30RT	HU31RT	HU34RT	HU36RT	HU39RT
HW Series	HW28VT	HW29VT	HW30VT	HW31VT	HW34VT		
Dieless	(4)						

See page P12
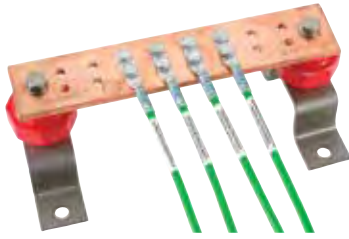
Kits Include

- Rack Ground Busbar
- Telecommunications Grounding Busbar
- Telecommunications Main Grounding Busbar
- Kits include insulators and assembly hardware
- Available with tin plating

Busbars

Catalog No./ Description	Color code indicates hole spacing	Hole Diameter	Hole Spacing	Total Qty	Double Lug Qty
HBBBHR19KT* 0.75" W x 19" L x 0.25" D, insulators, mounting hardware, lug mounting hardware.		¼-20	0.625"	10	5
		0.25"	0.75"	4	2
HBBBVR36KT* 0.75" W x 36" L x 0.25" D, insulators, mounting hardware, lug mounting hardware.		¼-20	0.625"	16	8
		⁵⁄₁₆-18 stud	1.0"	2	1
HBBBVR76KT* (2) 0.75" W x 36" L x 0.25" D busbars, 8" braided jumper, insulators, (4) brackets, mounting hardware, lug mounting hardware.		¼-20	0.625"	16	8
HBBB14210A* 2" W x 10" L x 0.25" D		0.25"	0.625"	16	8
HBBB14224B* 2" W x 24" L x 0.25" D		0.25"	0.625"	18	9
		0.25"	0.75"	18	9
HBBB14416G* 4" W x 16" L x 0.25" D		0.44"	0.75"	8	–
		0.44"	1.0"	16	8
HBBB14416H* 4" W x 16" L x 0.25" D		0.44"	1.0"	16	8
		0.25"	0.75"	16	8
HBBB14420J* 4" W x 20" L x 0.25" D		0.44"	1.0"	34	17
		0.25"	0.75"	34	17

For all connections to busbars, oxidation must be scrubbed away and the application of an antioxidant is required.
*Add "TP" at the end of any busbar Catalog No. for Tin Plated.

METAL | GROUNDING AND BONDING
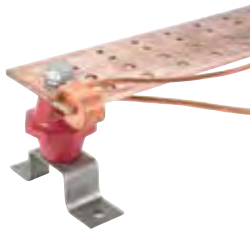
Installation
- Irreversible compression bond to busbars
- Die index traceable

Busbar Connector
HYG14B2TC2C6C

Busbar Connector
HYG14BTC28

Busbar Connectors

Catalog No.	Quantity	Dimensions Inches (mm)	Wire 1	Wire 2	Die
HYG14B2TC2C6C	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	2AWG	6AWG	HU1105
HYG14B2TC2C2C	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	2AWG	2AWG	HU1105
HYG14BTC28	1	1.5" x 1.37" x 0.81" (38 x 35 x 21)	4/0 –1/0AWG	–	HU1105

Note: Individually packaged, Penetrox™ applied, compatible with 0.25" thick busbars.
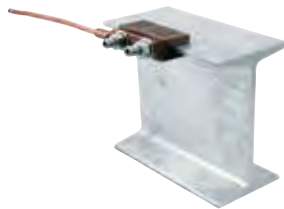
Installation
- Irreversible compression bond to steel I-beams
- Die index traceable

I-Beam Connector
HYGIBS338

Heavy Duty Lug
HYGHA02

I-Beam Connectors

Catalog No.	Quantity	Steel Flange			Flange I Range Inches (mm)	Die
HYGIBS338	1	Standard			0.250"–0.338" (6–9)	HU1105
HYGIBS400	1				0.338"–0.400" (6–10)	HU1105
HYGIBS462	1		STANDARD BEAMS (FLANGE ANGLED)		0.400"–0.462" (10–12)	HU1105
HYGIBS550	1				0.462"–0.500" (12–13)	HU1105
HYGIBW338	1	Wide			0.250"–0.338" (6–9)	HU1105
HYGIBW400	1				0.338"–0.400" (9–10)	HU1105
HYGIBW462	1		WIDE FLANGE BEAMS (FLANGE PARALLEL)		0.400"–0.462" (10–12)	HU1105
HYGIBW550	1				0.462"–0.500" (12–13)	HU1105

Note: Includes heavy duty lug mounting hardware: (2) 0.42" threaded studs, (2) flat washers, (2) lock washers, (2) hex nuts.
Hole spacing for heavy duty HYGHA lugs.

Heavy Duty Lugs

Catalog No.	Quantity	Conductor Size	Hole Size Inches (mm)	Spacing Inches (mm)	Die Index	Die
HYGHA02	1	2AWG	0.56" (14)	1.75" (44)	11	HU1CRT
HYGHA25	1	1/0AWG	0.56" (14)	1.75" (44)	14	HU27RT
HYGHA26	1	2/0AWG	0.56" (14)	1.75" (44)	15	HU28RT
HYGHA27	1	3/0AWG	0.56" (14)	1.75" (44)	16	HU29RT (2)

Note: Individually packaged, Penetrox™ filled, compatible with HYGIB I-beam connectors.

Penetrox™ is a trademark of Burndy Corporation.
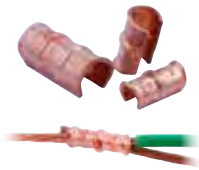
Thin Wall C-Tap
HYC4L12
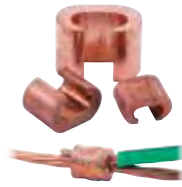
Direct Burial C-Tap
HYC4C6

H-Tap
HYH6C6C

Clear Cover
HYH6CWC

Black Cover
HCFBGFR

Thin Wall C-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	No. Ribs	Die Index	HW Series	HU Series
HYC4L12	25	6-6			1.18" (30)	Brown	1	10	HW2CVT(2)	HUC4
HYC2L12	25	4-4	2-6		1.18" (30)	Pink	1	12	HW25VT (2)	HUC2
HYC1L12	10	2-4	1-6		1.75" (44)	Black	2	13	HW26VT (2)	HUC1
HYC25L12	10	2-2	1-4	1/0-4	1.75" (44)	Orange	2	14	HW27VT(3)	HU25
HYC26L12	5	1-1	1/0-2	2/0-2	1.75" (44)	Purple	2	15	HW28VT(3)	HU26
HYC27L12	5	1/0-1/0	2/0-2	3/0-2	1.75" (44)	Yellow	2	16	HW29VT(3)	–

Direct Burial C-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Die Index	HW Series	HU Series
HYC4C6	10	6-6	4-6		0.625" (16)	BG	HWBG (2)	HUBG (2)
HYC4C4	10	4-4	4-6		0.625" (16)	BG	HWBG (2)	HUBG (2)
HYC2C4	10	2-4	2-6		0.75" (44)	C	HWCC (2)	HUC (2)
HYC2C2	10	2-2			0.75" (44)	C	HWCC (2)	HUC (2)
HYC26C2	5	2/0-6	2/0-4	2/0-2	0.875" (22)	0	–	HU0
HYC26C26	5	2/0-2/0			0.875" (22)	0	–	HU0
HYC28C2	1	4/0-6	4/0-4	4/0-2	1.07" (27)	D3	–	HUD3
HYC28C26	1	4/0-2/0			1.07" (27)	D3	–	HUD3
HYC28C28	1	4/0-4/0			1.07" (27)	D3	–	HUD3

H-Taps

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	Die Index	HW Series	HU Series
HYH6C6C	1	6-6			0.6" (15)	Orange	BG	HWBG	HUBG
HYH2C2C	1	2-2,4,6	4-4,6		0.75" (44)	Brown	C	HWCC	HUC
HYH292C	1	4/0-2,6	2/0-2,6	1/0-2,6	0.9" (23)	Purple	654	–	HU654
HYH2929	1	4/0-4/0,2	3/0-3/0,2	2/0-2/0,2	0.9" (23)	Purple	654	–	HU654
HYH3429	1	500-250,1/0	350-250,1/0	4/0-1/0	1.0" (25)	Brown	1104	–	HU1104
HYH3434	1	500-500,4/0	350-350,4/0		1.0" (25)	Brown	1104	–	HU1104
HYH3931	1	750-4/0,1/0	650-4/0,1/0	500-4/0,1/0	0.95 (24)	Yellow	K-R	–	HUKR
HYH3939	1	750-750,350	650-650,350	500-350	1.25 (32)	Yellow	K-R	–	HUKR

H-Taps with Clear Cover

Catalog No.	Qty	Stranded AWG	Stranded AWG	Stranded AWG	Length Inches (mm)	Color Code	Die Index	HW Series	HU Series
HYH6CWC	1	6-6			0.6" (15)	Orange	BG	HWBG	HUBG
HYH2CWC	1	2-2,4,6	4-4,6		0.75" (44)	Brown	C	HWCC	HUC
HYH29WC	1	4/0-2,6	2/0-2,6	1/0-2,6	0.9" (23)	Purple	654	–	HU654
HYH2929WC	1	4/0-4/0,2	3/0-3/0,2	2/0-2/0,2	0.9" (23)	Purple	654	–	HU654

H-Tap Covers

Clear Cover	Black Cover	Qty	H-Tap Size	Color Code
HCCFBGFR	**HCFBGFR**	1	HYH6Cxx	Orange
HCCFOFR	**HCFOFR**	1	HYH2Cxx	Brown
HCCFDFR	**HCFDFR**	1	HYH29xx	Purple
HCCFN	**HCFN**	1	HYH34xx	Brown
HCCFR	**HCFR**	1	HYH39xx	Yellow

METAL | GROUNDING AND BONDING
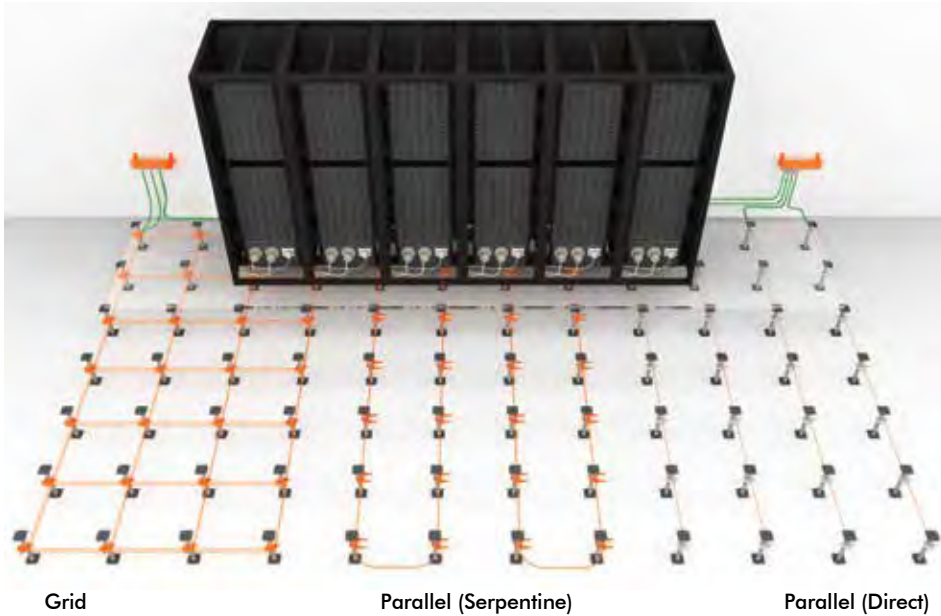
Grid   Parallel (Serpentine)   Parallel (Direct)

Raised Floor Clamp
HGBGXP1828RF

Raised Floor Clamp
HGBGP1526G1

Raised Floor Clamp
HGBGRF4C3

Pipe Clamp
HGBGAR1726

Raised Floor Pedestal Clamps

Catalog No.	Pedestal	Wire Range	Configuration	Hardware	Install Torque
HGBGXP1828RF	0.75"-1.5" square 0.75"-1.875" round	6 – 4/0AWG	Grid or parallel	Stainless Steel $\frac{1}{2}$"	120in-lb conductor 180in-lb clamp
HGBGP1526G1	1.0"-1.25" round	4 – 2/0AWG	Parallel	Silicon Bronze $\frac{9}{16}$"	240in-lb
HGBGRF4C3	0.75"-1.0" round or square	8 – 2AWG	Parallel	Silicon Bronze $\frac{9}{16}$"	240in-lb

Note: Torque values may differ based on the Grounding and Bonding Standard selected.
The Mesh Bonding Network shall have a support attached at a maximum of 3' (36") intervals.

Pipe Clamps

Catalog No.	I.P.S. Pipe Diameter Inches	Height Inches	Width Inches	Conductor Range	U-Bolt Size Inches	Nut Size Inches
HGBGAR1526	1.0"	$2\frac{7}{8}$"	$2\frac{5}{8}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR1726	1.5"	$3\frac{1}{2}$"	3"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR1826	2.0"	4"	$3\frac{1}{4}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR1926	2.5"	$4\frac{1}{4}$"	$3\frac{3}{4}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR2026	3.0"	5"	$4\frac{1}{4}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR2126	3.5"	$5\frac{5}{8}$"	$4\frac{3}{4}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR2226	4.0"	$6\frac{1}{4}$"	$5\frac{3}{8}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR2426	5.0"	$6\frac{3}{8}$"	$5\frac{7}{8}$"	4AWG-2/0AWG	$\frac{3}{8}$"	$\frac{9}{16}$"
HGBGAR8629	6.0"	$8\frac{13}{16}$"	$8\frac{3}{8}$"	2AWG-250kcmil	$\frac{1}{2}$"	$\frac{3}{4}$"

Note: All pipe clamps secure the grounding conductor to the pipe in a parallel or perpendicular manner.

Terminal
HGBKA6U

Terminal
HGBKLU35

Split Bolt Connector
HGBKS22

On-Rail Terminal
HGBKARB

Terminals

Catalog No.	Qty	Minimum	Maximum	Material	Mount Hole Diameter Inches	Recommended Torque in-lb
HGBKA6U	100	14AWG	6AWG	Aluminum	0.25"	45in-lb
HGBBGBL4	100	14AWG	4AWG	Aluminum	0.22"	35in-lb
HGBKLU35	100	14AWG	6AWG	Copper	0.19"	45in-lb
HGBCL501	100	14AWG	4AWG	Copper	0.22"	35in-lb

On-Rail Terminal

Catalog No.	Qty	Minimum	Maximum	Material	Mount Hole Diameter Inches	Hole Spacing
HGBKARB	1	14AWG	2/0	Aluminum	0.31"	0.625"

Split Bolt Connectors

Catalog No.	Qty	STR Min Run and Tap	STR Max Run and Tap	SOL Max Run and Tap	Material	Bolt Size Inches	Length Inches	Recommended Torque, in-lb
HGBKS17	50	8AWG	6AWG	6AWG	Copper	$7/16$"	1.14"	165in-lb
HGBKS20	50	8AWG	4AWG	4AWG	Copper	$1/2$"	1.20"	165in-lb
HGBKS22	50	6AWG	3AWG	2AWG	Copper	$19/32$"	1.50"	275in-lb
HGBKS23	25	6AWG	2AWG	1AWG	Copper	$5/8$"	1.54"	275in-lb
HGBKS25	25	4AWG	1/0AWG	2/0AWG	Copper	$3/4$"	1.77"	385in-lb
HGBKS26	10	2AWG	2/0AWG	3/0AWG	Copper	$7/8$"	1.94"	385in-lb
HGBKS27	10	1AWG	3/0AWG	4/0AWG	Copper	$1 1/8$"	1.86"	500in-lb
HGBKS29	5	1AWG	250Kcmil	4/0AWG	Copper	$1 1/8$"	2.07"	650in-lb

Split Bolt Covers

Catalog No.	Qty	Size Minimum	Size Maximum	Color
HGBSC4	1	HGBKS17	HGBKS20	Black
HGBSC2	1	HGBKS22	HGBKS23	Black
HGBSC20	1	HGBKS25	HGBKS26	Black

ShieldBond Connector

Catalog No.	Qty	Description
BC285SB100	100	ShieldBond connector kits for cable jackets. Each kit includes brass screw and nut, (2) retaining washers, (1) gripping. Install tool included.

METAL | GROUNDING AND BONDING

6-Ton Power Tool
HPAT600LI

9000lb Manual Tool
HMD7

8000lb Manual Tool
HOUR840

12-Ton Power Tool
HPAT750LI

Tools, HW- and HX-Dies

Catalog No.	Description	
HPAT600LI	6-ton automatic compression tool, 18V lithium powered, carrying case, lanyard, (2) lithium batteries, (1) charging station	Uses HW series dies
HMD7	9000lb manual compression tool, built-in BG die, handle length 25"	
HOUR840	8000lb manual compression tool, hand ratcheting forward cycle until max capacity reset, metal carrying case with die holders	Uses HX series dies

Tools, HU-Dies

Catalog No.	Description	
HPAT750LI	12-ton automatic compression tool, 18V lithium powered, carrying case, lanyard, (2) lithium batteries, (1) charging station	Uses HU series dies
HY750CHSXT	12-ton manual hydraulic compression tool, carrying case, handle length 24"	

Manual Compression Tool
HMRC840

Torque Wrench
HBT30150

Integrated Die Tool

Catalog No.	Description
HMRC840	Manual compression tool, dies for 6AWG to 4/0AWG are integrated into the head, color coded dies unlock and can be rotated to lug barrel size; 26" leveraged handles

Torque Wrenches

Catalog No.	Description
HBT30150	30-150in-lb torque wrench, carrying case, certification calibration
HBT150750	150-750in-lb torque wrench, carrying case, certification calibration

HU Series Dies
HU27RT

HW Series Dies
HW5CRT

HX Series Dies
HX5CRT

Integrated Die Tool
HMRC840

Lug Dies for Compression Lugs

Lug Size	HX Series	HW Series	HU Series
6	**HX5CRT**	**HW5CRT**	**HU5CRT**
4	**HX4CRT**	**HW4CRT**	**HU4CRT**
2	**HX2CRT**	**HW2CRT**	**HU2CRT**
1	**HX1CRT**	**HW1CRT**	**HU1CRT**
1/0	**HX25RT**	**HW25RT**	**HU25RT**
2/0	**HX26RT**	**HW26RT**	**HU26RT**
3/0	**HX27RT**	**HW27RT**	**HU27RT**
4/0	**–**	**HW28VT**	**HU28RT**
250	**–**	**HW29VT**	**HU29RT**
300	**–**	**HW30VT**	**HU30RT**
350	**–**	**HW31VT**	**HU31RT**
400	**–**	**HW34VT**	**HU34RT**
500	**–**	**–**	**HU36RT**
750	**–**	**–**	**HU39RT**

Tap Dies for Compression Taps

Die Index	HX Series	HW Series	HU Series
BG	**HXBG**	**HWBG**	**HUBG**
C	**–**	**HWCC**	**HUC**
0	**–**	**HWO**	**HU0**
10	**–**	**HW2CVT**	**HUC4**
12	**–**	**HW25VT**	**HUC2**
13	**–**	**HW26VT**	**HUC1**
14	**–**	**HW27VT**	**HUC25**
15	**–**	**HW28VT**	**HUC26**
16	**–**	**HW29VT**	**–**
1105	**–**	**–**	**HU1105**
1104	**–**	**–**	**HU1104**
654	**–**	**–**	**HU654**
997	**–**	**–**	**HU997**

HWDIETREE

HWDIECASE

Die Tree

Catalog No.	For Use With	Holds
HWDIETREE	HW and HX dies*	6 sets

*Dies not included

Die Cases

Catalog No.	For Use With	Holds
HWDIECASE	HW and HX dies*	12 sets
HUDIECASE	HU dies*	15 sets

*Dies not included

ESD Port Kit
HGBESDKT10

Metal Bracelet
HGBESDBM

Braided Jumper
HGBBD12
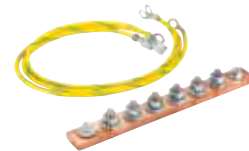
Wall Mount Ground Kit
REKGB

Installation Accessories

Catalog No.	Qty	Description	Catalog No.	Qty	Description
HGBESDKT10	10	ESD port for 4mm banana plug; 0.5oz Penetrox™; ESD Label; (2) #12-24 TFS; (2) M6 stainless TFS	**HGBESDBC**	1	ESD cloth bracelet; 6ft cord; 4mm banana plug
HGB25CNWH	50	¼" belleville washer	**HGBESDBM**	1	ESD metal bracelet; 6ft cord; 4mm banana plug
HGB38CNWH	50	³/₈" belleville washer	**HGB025DBS**	1	³/₁₆" drill bit for steel material and ¼" thread forming screw
HGB1224ST	50	#12-24 x ¾" stainless steel screws	**HGBCWB2**	1	Wire brush for power drill
HGBM6ST	50	M6 x 16mm stainless steel screws	**HGB24AP**	6	2" x 4" abrasive pad
HGBESDLBL	25	ESD label	**HGBP8A**	1	8oz bottle Penetrox™
HGBGNDLBL	25	Ground label	**HPENEA0550**	50	0.5oz tube Penetrox™
HGRKTLBL	25	Ground wire label	**HGB25PPW**	50	Serrated paint piercing washer

Braided Jumper

Catalog No.	Qty	Length Inches (mm)	Width Inches (mm)	Hole Size Inches	Hole Spacing Inches (mm)
HGBBD6S10	10	6" (152)	0.5" (13)	¼"	–
HGBBD9S10	10	9" (229)	0.5" (13)	¼"	–
HGBBD8	1	8" (203)	0.94" (24)	³/₈"	1.0" (25)
HGBBD12	1	12" (305)	0.94" (24)	³/₈"	1.25" (32)
HGBBD18	1	18" (457)	0.94" (24)	³/₈"	1.25" (32)
HGBBD24	1	24" (610)	0.94" (24)	³/₈"	1.25" (32)

QUADCAB® Wall Mount Cabinet Ground Kit

Catalog No.	Description
REKGB	Ground bar with (6) ¼"-20 male studs; (2) ¼"-20 carriage bolts and isolating hardware; (2) ground straps; (6) ¼"-20 nuts with star washers

Penetrox™ is a trademark of Burndy Corporation.

METAL | GROUNDING AND BONDING
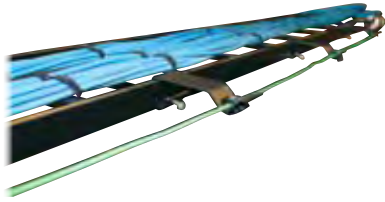
Conductor Bracket
HGBTEBCBRKL10

Halo Bracket
HGBSETH

Installation Accessories

Catalog No.	Qty	Description
HGBTEBCBRKL10	10	TEBC bracket for ladder rack, aluminum painted black
HGBTEBCBRKW10	10	TEBC bracket for wire tray, aluminum painted black
HGBTEBCBRKR	1	TEBC bracket for extruded aluminum tray with standoff insulators, made of stainless steel, (4) cable holders
HGBVRBKT	2	Off rail bracket for vertical RGB

Insulated Halo Bracket

Catalog No.	Qty	Description
HGBSETH	1	Stainless steel bracket, insulator, UV Rated cable holding clips for 0.25", 0.31", 0.38", 0.50", 0.56", 0.75" and 0.88" cables
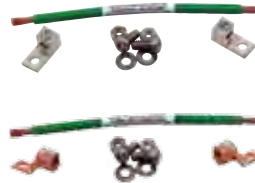
Ladder Tray Kits
HGRKTKA9KA5
HGRKTKLU9KLU5

Wire Basket Kits
HGRKTWC45
HGRKTWB5

Ladder Tray Bonding Jumper Kits

Catalog No.	Connector	Description
HGRKTKA9KA5	Parallel Aluminum	Includes: (10) connectors; (5) 6AWG conductors 9"; (10) hardware for securing; labels for each conductor
HGRKTKLU9KLU5	Standoff Copper	

Basket Tray Bonding Jumper Kits

Catalog No.	Connector	Description
HGRKTWC45	C-Tap (Requires BG die)	Includes: (10) connectors; (5) 6AWG conductors 9"; labels for each conductor
HGRKTWB5	Split Bolt	

METAL | Power Distribution

Hubbell has developed a family of high performance power distribution units (PDUs) for use in data centers, telecommunication rooms and remote equipment enclosures. Hubbell PDUs are manufactured in a wide variety of horizontal and vertical configurations such as: metered and unmetered, with or without surge protection, power load, receptacle count and receptacle configurations. Each PDU is 100% tested and inspected to assure reliable, conditioned power to the active electronics.

HUBBELL ® Premise Wiring

METAL | Power Distribution

METAL | POWER DISTRIBUTION

PR20620

Full Length
Mounting Bracket

PR10420

Specifications

- Housing material: cold-rolled steel
- Housing finish: black powder coat
- AC voltage: 120V or 250V
- Current rating: 15A, 20A, 30A or 60A
- Outlets: NEMA 5-15R or 5-20R or IEC C-13 or C-19
- Input plug cord: 10' cable with NEMA plug, IEC 320 C-20 inlet, or 60A IEC 309 plug
- Surge protection:
  - Protection modes: L-N, L-G, N-G
  - Joule rating: 720

Power Strips, Vertical Mount

Includes: (1) strip, (1) kit mounting hardware, universal mounting brackets

Electrical Specification	Receptacle Type	Outlets Front	Plug Type	No. of Circuits	Surge Protected	Switch	Current Monitor	Catalog No.
15A-120V	NEMA 5-15R	10	NEMA 5-15P	1	No	No	No	**PR104**
20A-120V	NEMA 5-20R	10	NEMA 5-20P	1	No	No	No	**PR10420**
15A-120V	NEMA 5-15R	20	NEMA 5-15P	1	No	No	No	**PR206**
20A-120V	NEMA 5-20R	20	NEMA 5-20P	1	No	No	No	**PR20620**
20A-120V	NEMA 5-20R	20	NEMA 5-20P	1	No	No	No	**PR20620TL[1]**
20A-120V	NEMA 5-20R	20	NEMA 5-20P	1	No	Yes	Yes	**PR20820DRTL[2]**
30A-120V	NEMA 5-20R	20	NEMA L5-30P	1	No	No	No	**PR20830**
20/16A/circuit 120V	NEMA 5-20R	20	NEMA 5-20P	2	No	No	No	**PR20820A[3]**
20/16A-120/250V	IEC 320C-13	20	IEC 320 C20	1	No	No	No	**PR20820I[4]**
30/24A-250V	IEC 320C-13	24	NEMA L6-30P	1	No	No	No	**PR24**

[1]PR20620TL includes a Twist-Lock® plug.

[2]PR20820DRTL features a digital current meter and a 20A Twist-Lock® plug.

[3]PR20820A features (2) 20A circuts each fed by 10' cable with NEMA 5-20 plug.

[4]PR20820I includes an IEC 320 (C-20) inlet for power input.

Mounting Brackets for Vertical Power Strips

Description	Catalog No.
L-brackets: turned in for rack/rail mounting; turned out to extend mounting options an additional 8 inches	**PRSLB4**
For left, right, front or back rail mounting; may be installed in conjunction with other equipment mounted in the same "U" space	**PREZB**

HUBBELL POWER

MCCPSS19TS

HPWPWR

PR10720

Specifications

- Housing material: cold-rolled steel
- Housing finish: black powder coat
- AC voltage: 120V or 250V
- Current rating: 15A, 20A, 30A or 60A
- Outlets: NEMA 5-15R or 5-20R or IEC C-13 or C-19
- Input plug cord: 10' cable with NEMA plug, IEC 320 C-20 inlet, or 60A IEC 309 plug
- Surge protection:
  - Protection modes: L-N, L-G, N-G
  - Joule rating: 720

Power Strips, Horizontal

Includes: (1) strip, (1) kit mounting hardware

Electrical Specification	Receptacle Type	Outlets		Mounting Style	Surge Protected	Transformer Spaced	Switch	Current Monitor	Catalog No.
		Front	Rear						
15A-120V	NEMA 5-15R	0	10	Flush	No	No	Yes	No	**HPWPWR**
15A-120V	NEMA 5-15R	0	10	Flush	Yes	No	Yes	No	**MCCPSS19**
15A-120V	NEMA 5-15R	4	4	Recess	Yes	Yes	No	No	**MCCPSS19TS**
20A-120V	NEMA 5-20R	0	10	Flush	No	No	No	No	**PR10120**
20/16A, 120/250V	IEC 320C-13	10	0	Flush	No	No	No	No	**PR10720[1]**
15A-120V	NEMA 5-15R	0	6	Flush	No	No	No	No	**PR0615**
20A-120V	NEMA 5-20R	0	10	Flush	No	No	Yes	Yes	**PR1020**
60A-250V	IEC 320C-19	0	3	Adjustable	No	N/A	CB/Switch	No	**PR0360[2]**

[1]PR10720 includes an IEC 320 (C-20) inlet for power input. Vertical mount brackets are also included.
[2]PR0360 features 10' cable with IEC 60A 2P/3W plug.

Mounting Brackets for Horizontal Power Strips

Description	Catalog No.
Adjustable mount brackets; allows numerous recess or flush mount options	**PRAMB**
Panel mount brackets; ideal for zero "U" mounting applications; effectively allows the unit to be hung from a cross beam or flat surface	**PRPMB**

Type	Catalog No.	Integral Fixed Brackets	Pre-Assembled Brackets Included	Optional Brackets Available
19" Rack Mount	HPWPWR MCCPSS19 PR10120 PR0615 PR1020	Flush Mount	N/A	N/A
	MCCPSS19TS	N/A	Recess Mount	PRAMB PRPMB
	PR10720	N/A	Flush Mount and PRSLB4	PREZB
	PR0360	N/A	PRAMB	PRPMB

METAL | POWER DISTRIBUTION

PRRMLM203PYN2T4   PRRMLM603PDC2PSB   PRRMLM1203PDN4NOB

Specifications

- Housing material: cold-rolled steel
- Housing finish: durable, black powder coat
- FCC Part 15, Class A conformance
- Web based GUI
- SNMP v1
- AC voltage: 125, 250, 120/208
- Current rating: 20, 30, 60, 80, 120A
- Phase: single, 3~ WYE, 3~ DELTA
- Frequency: 50/60Hz
- Input plug type: various, NEMA, straight blade, TWIST-LOCK®, Pin and Sleeve, none (conduit connection access provided)
- Receptacles: various NEMA and IEC

Standards

- UL and cUL Listed 60950

NEMA Receptacles

Electrical Specification (AC Input)	Input Plug Type	Cord Length (Feet)	Receptacle Information	Maximum Output per Receptacle	Circuit Breaker	Switch	Brackets	Dim. LxWxD (Inches)	Catalog No.
20A/125V	NEMA 5-20P	10	(24) NEMA 5-20R	125V, 20A	No	No	66" full length	66.25 x 2 x 2	**PRRMLM20125N1P1**
30A/125V	NEMA L5-30P[1]	10	(24) NEMA 5-20R	125V, 20A	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PRRMLM30125N1T1B**
20A/250V	NEMA L6-20P[1]	10	(24) NEMA 6-20R	250V, 20A	No	No	66" full length	66.25 x 2 x 2	**PRRMLM20250N2T2**
30A/250V	NEMA L6-30P[1]	10	(24) NEMA 6-20R	250V, 20A	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PRRMLM30250N2T3B**
20A/120V-208V[3]	NEMA L21-20P[1]	10	(24) NEMA 5-20R and (6) NEMA L6-20R	120V, 20A for 5-20R; 208V, 20A for L6-20R	No	No	66" full length	66.25 x 2 x 2	**PRRMLM203PYN1N3T4**
30A/120V-208V[3]	NEMA L21-30P[1]	6	(6) NEMA 5-20R and (6) NEMA L6-30R	120V, 20A for 5-20R; 250V, 30A for L6-30R	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PR3PWYERPMONLCN66T**

[1]TWIST-LOCK®
[2]1.44" of 3.5" is for the breaker area
[3]3-Phase WYE

IEC Receptacles

Electrical Specification (AC Input)	Input Plug Type	Cord Length (Feet)	Receptacle Information	Maximum Output per Receptacle	Circuit Breaker	Switch	Brackets	Dim. LxWxD (Inches)	Catalog No.
20A/125V	NEMA 5-20P	10	(24) IEC C-13 (banks of 4) and IEC C-19	125V, 15A per IEC C-13 receptacle bank; 125V, 20A for IEC C-19	No	No	66" full length	66.25 x 2 x 2	**PRRMLM20125C1C3P1**
30A/125V	NEMA L5-30P[1]	10	(24) IEC C-13 and (6) IEC C-19	125V, 15A per IEC C-13 receptacle bank; 125V, 20A for IEC C-19	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PRRMLM30125C1C3T1B**
20A/250V	NEMA 6-20P	10	(24) IEC C-13 and (6) IEC C-19	250V, 15A per IEC C-13 receptacle bank; 125V, 20A for IEC C-19	No	No	66" full length	66.25 x 2 x 2	**PRRMLM20250C1C3P2**
30A/250V	NEMA L6-30P[1]	10	(24) IEC C-13 and (6) IEC C-19	250V, 15A per IEC C-13 receptacle bank; 125V, 20A for IEC C-19	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PRRMLM30250C1C3T3B**
30A/120V-208V[3]	NEMA L21-30P[1]	10	(24) IEC C-13 and (6) IEC C-19	208V, 15A per IEC C-13 receptacle bank; 208V, 20A for IEC C-19	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[2]	**PRRMLM303PYC1C3T5B**
60A/250V[4]	IEC 60309 Pin/Sleeve, 60A/250V, 3P/4W, Watertight	5	(12) IEC C-19	250V, 12A	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2.3 x 3.45	**PRRMLM603PDC2PSB**

Specialty Power Strips

Electrical Specification (AC Input)	Input Plug Type	Cord Length (Feet)	Receptacle Information	Maximum Output per Receptacle	Circuit Breaker	Switch	Brackets	Dim. LxWxD (Inches)	Catalog No.
20A/120V-208V[1]	NEMA L21-20P[2]	10	(12) IEC C-13 and (6) NEMA 5-20R	208V, 15A for IEC C-13; 120V, 15A for 5-20R	No	No	70" full length	70 x 2 x 2	**PRRMLM7203PYC2N5T4[3]**
30A/120V-208V[1]	NEMA L21-30P[2]	10	(24) IEC C-13 and (3) IEC C-19 and (6) NEMA 5-20R	208V, 15A per IEC C-13 receptacle bank; 208V, 20A for IEC C-19; 120V/20A for NEMA 5-20R	Yes	Integral to Breaker	Tool less and 66" full length	66.25 x 2 x 3.5[4]	**PRRMLM303PYCCNT5B**
120A/250V[5]	None[6]	N/A	12 NEMA L15-30R	30A 3-Phase	Yes	Integral to Breaker	Tool less	66.25 x 3.5 x 3.5	**PRRMLM1203PDN4NOB**

[1]*3-Phase WYE*
[2]*TWIST-LOCK®*
[3]*This is a 70" vertical mount unit*
[4]*1.44" of 3.5" is for the breaker area*
[5]*3-Phase DELTA*
[6]*Conduit connection access*

DELIVERY

Hubbell's innovative delivery solutions provide customers with the flexibility to create personalized solutions for the most demanding multi-service applications. Hubbell delivers a consistent, aesthetic and functional solution for floor, wall, furniture, surface or ceiling applications. Just add an audio/video, data, power or voice connector and the delivery solution maintains a perfect and complimentary look.

HUBBELL ® Premise Wiring

DELIVERY

DELIVERY

DELIVERY

The family of Hubbell SystemOne floorboxes has been expanded to provide industry leading flexibility while accommodating an extensive range of applications. Hubbell SystemOne is constructed to give customers the ability to create personal solutions for their most demanding, power, data and AV requirements.

Hubbell SystemOne Recessed Floor Box Applications

2-Gang Recessed
The Hubbell SystemOne 2-gang recessed concrete floor box offers eight styles, satisfying the requirements of almost any commercial building application. Rectangular or round covers, as well as furniture feed covers, are available in a variety of finishes to blend with any existing or new décor. A parallel-device layout reduces plug interference, maximizing functionality and performance.

4-Gang Recessed
Similar to the 2-gang Recessed Concrete Floor Box, Hubbell's SystemOne 4-gang recessed concrete floor box is available with rectangular or round covers. Ten different styles make it possible to meet the electrical requirements of most commercial projects—new construction or renovation. The parallel device layout maximizes functionality which can be limited when devices are mounted 90° from one another.

Cover
- 180° cover opening
- Two large cable egress doors
- Listed to UL 514A and UL scrub water compliant
- Die cast aluminum cover construction
- Available in round, rectangular and furniture feed styles
- All covers are ADA compliant
- Post pour adjustment

Box
- 16 gauge galvanized sheet metal and cast iron construction
- Optional fusion-bonded, green epoxy paint for on-grade use
- 6" solid conductor ground pigtail in each gang
- 3" deep version accepts adapter (CFBHUB2) for 2" conduit
- Pre pour adjustment
- Meets UL 514A requirements and are UL scrub water compliant
- Patent pending, labor saving, easy mount device plates

6-Gang Recessed
Increased power, data, and AV capacity is what the Hubbell SystemOne 6-gang recessed concrete floor box was designed to handle. Four styles allow the floor box to work within almost any commercial application to enhance connectivity. Rectangular and round covers are available in a variety of finishes that work with any aesthetic or finish.

10-Gang Recessed
With maximum capacity in a small footprint, the 10-gang box provides a uniform look with rectangular or round covers that are available in several finishes to complement existing décor. Electrical devices are mounted vertically and are mounted to the plate prior to securing it to the box. Two inch knockouts are designed into each box allowing for simple installation of AV cables with pre-connectorized heads and specific bend radius requirements.

CR version is coated with fusion-bonded epoxy paint to help prevent corrosion and intended for on-grade use.

The Family Look

Hubbell SystemOne recessed floor box line offers a common look regardless of capacity or installation. This simple concept ensures a consistent look throughout a building with rectangular or round covers. Round covers lend themselves to multi-story buildings, also using fire-rated poke-through devices.

A | Covers

All SystemOne covers are ADA compliant. The doors open to 180° for maximum access. Cables and plugs are protected by recessed connections.

C | Easy Mount Device Plates

The Easy Mount device plates allow for a device to be mounted to the plate and wired outside of the floor box. The device and plate assembly are then easily installed and secured with one stud that locates the plate and one screw to secure it.

This patent pending device fastening method maximizes efficiency while reducing install time and comes standard with all device plates for 2-, 4- and 6-gang boxes.

B | One Screw, Three Fasteners

Pre-wired duplex or Style Line® receptacles with 8" stranded leads are installed into plates to allow for even more labor savings.

DELIVERY

To assist with the floor box selection process, please have the following information available:

Electrical Requirements	Application	Cover Style
Power (each electrical device requires one gang) Data/AV (consult manufacturers' specification for size/volume requirements), number required Add up total number to determine needed capacity. If necessary capacity is not shown, round up to next size. *Example: 9-gang rounds up to a 10-gang floor box*	Above-grade (AG) On-grade (OG) Minimum concrete pour depth	Round Rectangular

Once this information is gathered, start with Capacity below:

❶ Capacity: select necessary box

❷ Application: select the concrete pour depth and on-grade or above-grade application

❸ Cover style: select round or rectangular cover

❹ Locate intersecting point of all three categories and move to right to select the appropriate catalog number

Capacity ❶		Application/Minimum Pour Depth ❷												Catalog No. ❹
		2½"		3"		3¼"		3¾"		5½"		6¼"		
		AG	OG	AG	OG	AG	OG	AG	OG	AG	OG	AG	OG	
2-Gang		•												CFB2G25
			•											CFB2G25CR
				•										CFB2G30
					•									CFB2G30CR
						•								CFB2G25R
							•							CFB2G25RCR
								•						CFB2G30R
									•					CFB2G30RCR
4-Gang		•												CFB4G25
			•											CFB4G25CR
				•										CFB4G30
					•									CFB4G30CR
						•								CFB4G25R
							•							CFB4G25RCR
								•						CFB4G30R
									•					CFB4G30RCR
					•									CFB4G30CI
									•					CFB4G30RCI
6-Gang				•										CFB6G30
					•									CFB6G30CR
								•						CFB6G30R
									•					CFB6G30RCR
10-Gang										•				CFB10G55
											•			CFB10G55CR
												•		CFB10G55R
													•	CFB10G55RCR
Cover Style ❸		Rectangular		Rectangular		Round		Round		Rectangular		Round		

Electrical Requirements - Capacity ❶ (left side label)
Select Appropriate Catalog No. ❹ (right side label)

Benefits and Enhancements

Safety

- Flush flange available for tile, finished concrete or terrazzo
- Surface flange available for carpeted floors with 0.15in rise meets ADA requirements
- Hideaway egress doors fold under cover while in use
- 180° opening of main door

Functionality

- Cables and connections are protected by recessed functionality
- Open architecture sub-plate design
- Common door layout regardless of flange for harmonized look
- Meets UL 514A scrub water requirements with ScrubShield® technology
- Easy selection with common look for all floor types

Value

- Enhance building décor with numerous finishes
- Increase durability and longevity with cast aluminum covers

Online Resources

- BIM models, customer drawings and technical specifications are available on www.hubbell-wiring.com

Concrete Pour Pocket Cap

This factory-installed, field-removable pour pocket cap provides a pocket in the final floor to accept the covers intended for terrazzo, tile, or finished concrete floor. The cap may not be used for carpet, wood or engineered floors.

2" Conduit Ready

To meet expanding AV and data needs, the Hubbell SystemOne Recessed Floor Box line readily accepts 2" conduits with the use of a 2" threaded conduit hub. The offset design allows for less conduit lifting while threading and the hub mounting holes are asymmetrical for installation efficiency.

Corrosion Resistant Epoxy Paint

Intended for on-grade use, the CR version is coated with fusion-bonded epoxy paint to help prevent corrosion.

DELIVERY

Dimensions Inches (mm)

Style	Rectangular Cover		Round Cover	
Box Type				
Standard On-grade (Corrosion-Resistant)	**CFB2G30** **CFB2G30CR**	**CFB2G25** **CFB2G25CR**	**CFB2G30R** **CFB2G30RCR**	**CFB2G25R** **CFB2G25RCR**
Recommended Pour Depth	3.50" (88.9)	3.00" (76.2)	3.75" (95.3)	3.25" (82.6)
Minimum Depth of Pour	3.00" (76.2)	2.50" (63.5)	3.75" (95.3)	3.25" (82.6)
Adjustability	Fully	Fully	Fully	Fully
Cubic Inch (cm³) Capacity per Gang	35in³ (570cm³)	30in³ (490cm³)	35in³ (570cm³)	30in³ (490cm³)
Dimensions – A	2.97" (75.3)	2.41" (61.1)	–	–
Dimensions – B	6.62" (168.2)	6.62" (168.2)	7.32" (185.9)	7.32" (185.9)
Dimensions – C	13.79" (350.3)	13.79" (350.3)	13.79" (350.3)	13.79" (350.3)
Dimensions – D	–	–	6.37" (161.7) TYP.	6.37" (161.7) TYP.
Dimensions – E	3.50" (88.9)	3.00" (76.2)	3.75" (95.3)	3.25" (82.6)
KO Trade Size: Front & Back Sides Bottom	(1) ½", ¾" (1) ¾", 1", 1¼" hub plate (2) ½", ¾", 1" (4) ½", ¾", 1"	(1) ½", ¾", 1" (2) ½", ¾", 1" (4) ½", ¾", 1"	(1) ½", ¾" (1) ¾", 1", 1¼" hub plate (2) ½", ¾", 1" (4) ½", ¾", 1"	(1) ½", ¾", 1" (2) ½", ¾", 1" (4) ½", ¾", 1"
Cover Family	Rectangular	Rectangular	Round	Round
Concrete Cover Included	✓	✓	✓	✓
2" Hub Compatible	✓	–	✓	–

Rectangular Surface Cover 24GCCVRBK	Rectangular Furniture Feed 2GCFFCVRBRZ	Rectangular Flush 24GTCVRALU	Round Flush Surface CFBS1R6CVRALU	Round Furniture Feed CFBS1R6FFCVRBLK

Rectangular Covers

- Compatible with CFB2G25, CFB2G25CR, CFB2G30 and CFB2G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 800lb with 2x safety factor*
- Surface style typical applications: carpet, VCT
- Flush style typical applications: tile, finished concrete and terrazzo floors

	Cover dimensions 11¹¹⁄₁₆" x 7³⁄₁₆"			Cover dimensions 10¹¹⁄₁₆" x 6⁹⁄₁₆"		
Finish	Surface	Surface with Insert	Furniture Feed (1" and 2" Plugs)	Flush	Flush with Insert	Furniture Feed (1" and 2" Plugs)
Aluminum Powder Coated	**24GCCVRALU**	**24GCCVRALUC**	**2GCFFCVRALU**	**24GTCVRALU**	**24GTCVRALUC**	**2GTFFCVRALU**
Black Powder Coated	**24GCCVRBK**	**24GCCVRBKC**	**2GCFFCVRBK**	**24GTCVRBK**	**24GTCVRBKC**	**2GTFFCVRBK**
Brass Powder Coated	**24GCCVRBRS**	**24GCCVRBRSC**	**2GCFFCVRBRS**	**24GTCVRBRS**	**24GTCVRBRSC**	**2GTFFCVRBRS**
Bronze Powder Coated	**24GCCVRBRZ**	**24GCCVRBRZC**	**2GCFFCVRBRZ**	**24GTCVRBRZ**	**24GTCVRBRZC**	**2GTFFCVRBRZ**
Satin Nickel Powder Coated	**24GCCVRNK**	**24GCCVRNKC**	**2GCFFCVRNK**	**24GTCVRNK**	**24GTCVRNKC**	**2GTFFCVRNK**

Round Covers

- Compatible with CFB2G25R, CFB2G25RCR, CFB2G30R and CFB2G30RCR
- Cover has a 7½" outer diameter and two large cable egress doors and access 180° opening
- Maximum static load of 1000lb with 2x safety factor*

Finish	Flush Surface	Furniture Feed (¾" and 2" Plugs)
Brushed Aluminum	**CFBS1R6CVRALU**	**CFBS1R6FFCVRALU**
Black Powder Coated	**CFBS1R6CVRBLK**	**CFBS1R6FFCVRBLK**
Brass Plated	**CFBS1R6CVRBRS**	**CFBS1R6FFCVRBRS**
Bronze Plated	**CFBS1R6CVRBRZ**	**CFBS1R6FFCVRBRZ**
Satin Nickel Plated	**CFBS1R6CVRNKL**	**CFBS1R6FFCVRNKL**

*Load applied through a 3" (76mm) mandrel in center of the cover.

ScrubShield®
Complies with UL514 A & C

Dimensions Inches (mm)

Style	Rectangular Cover		Round Cover		Cast Iron	
Box Type						
Standard On-grade (Corrosion-Resistant) Cast Iron	**CFB4G30** **CFB4G30CR** –	**CFB4G25** **CFB4G25CR** –	**CFB4G30R** **CFB4G30RCR** –	**CFB4G25R** **CFB4G25RCR** –	– – **CFB4G30CI**	– – **CFB4G30RCI**
Recommended Pour Depth	3.50″ (88.9)	3.00″ (76.2)	3.75″ (95.3)	3.25″ (82.6)	4.25″ (108.0)	4.00″ (101.6)
Min. Depth of Pour	3.00″ (76.2)	2.50″ (63.5)	3.75″ (95.3)	3.25″ (82.6)	3.75″ (95.3)	4.00″ (101.6)
Adjustability	Fully	Fully	Fully	Fully	Fully	
Cubic Inch (cm³) Capacity per Gang	32.5in³ (530cm³)	26.5in³ (430cm³)	32.5in³ (530cm³)	26.5in³ (430cm³)	32.5in³ (430cm³)	
Dimensions – A	3.46″ (87.8)	2.96″ (75.1)	–	–	3.20″ (81.3)	–
Dimensions – B	12.08″ (306.8)	12.08″ (306.8)	12.08″ (306.8)	12.08″ (306.8)	13.19″ (335.1)	13.19″ (335.1)
Dimensions – C	11.20″ (284.5)	11.20″ (284.5)	11.20″ (284.5)	11.20″ (284.5)	11.44″ (290.5)	11.44″ (290.5)
Dimensions – D	–	–	8.37″ (212.5) TYP.	8.37″ (212.5) TYP.	–	8.37″ (212.5) TYP.
Dimensions – E	3.50″ (88.9)	3.00″ (76.2)	3.75″ (95.3)	3.25″ (82.6)	3.68″ (93.3)	4.00″ (101.6)
KO Trade Size: Front & Back Sides Bottom	(2) ¾″, 1″, 1¼″ (2) ½″, ¾″, 1″ (4) ½″, ¾″, 1″	(2) ½″, ¾″, 1″ (2) ½″, ¾″, 1″ (4) ½″, ¾″, 1″	(2) ¾″, 1″, 1¼″ (2) ½″, ¾″, 1″ (4) ½″, ¾″, 1″	(2) ½″, ¾″, 1″ (2) ½″, ¾″, 1″ (4) ½″, ¾″, 1″	(4) 1½″ NPT Thread (4) ¾″ NPT Thread	
Cover Family	Rectangular	Rectangular	Round	Round	Rectangular	Round
Concrete Cover Included	✓	✓	✓	✓	✓	✓
2″ Hub Compatible	✓	–	✓	–	–	–

Rectangular Surface Cover 24GCCVRBRZ

Surface Cover with Insert 24GCCVRBKC

Rectangular Flush Cover 24GTCVRALU

Flush Cover with Insert 24GTCVRBRSC

Round Flush Surface Cover CFBS1R8CVRNKL

Rectangular Covers

- Compatible with CFB4G25, CFB4G25CR, CFB4G30 and CFB4G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 800lb with 2x safety factor*
- Surface style typical applications: carpet, VCT
- Flush style typical applications: tile, finished concrete and terrazzo floors

	Cover dimensions 11¹¹⁄₁₆″ x 7³⁄₁₆″		Cover dimensions 10¹¹⁄₁₆″ x 6³⁄₁₆″	
Finish	Surface	Surface with Insert	Flush	Flush with Insert
Aluminum Powder Coated	**24GCCVRALU**	**24GCCVRALUC**	**24GTCVRALU**	**24GTCVRALUC**
Black Powder Coated	**24GCCVRBK**	**24GCCVRBKC**	**24GTCVRBK**	**24GTCVRBKC**
Brass Powder Coated	**24GCCVRBRS**	**24GCCVRBRSC**	**24GTCVRBRS**	**24GTCVRBRSC**
Bronze Powder Coated	**24GCCVRBRZ**	**24GCCVRBRZC**	**24GTCVRBRZ**	**24GTCVRBRZC**
Satin Nickel Powder Coated	**24GCCVRNK**	**24GCCVRNKC**	**24GTCVRNK**	**24GTCVRNKC**

Round Covers

- Compatible with CFB4G25R, CFB4G25RCR, CFB4G30R, CFB4G30RCR and CFB4G30RCI
- Cover has a 9½″ outer diameter and two large cable egress doors and access 180° opening
- Maximum static load of 1000lb with 2x safety factor*

Finish	Flush Surface
Brushed Aluminum	**CFBS1R8CVRALU**
Black Powder Coated	**CFBS1R8CVRBLK**
Brass Plated	**CFBS1R8CVRBRS**
Bronze Plated	**CFBS1R8CVRBRZ**
Satin Nickel Plated	**CFBS1R8CVRNKL**

*Load applied through a 3″ (76mm) mandrel in center of the cover.

ScrubShield®

Complies with UL514 A & C

D E L I V E R Y

Dimensions Inches (mm)

Style	Rectangular Cover		Round Cover	
Box Type				
Standard	**CFB6G30**	–	**CFB6G30R**	–
On-grade (Corrosion-Resistant)	–	**CFB6G30CR**	–	**CFB6G30RCR**
Recommended Pour Depth	3.50" (88.9)	3.50" (88.9)	3.75" (95.3)	3.75" (95.3)
Min. Depth of Pour	3.00" (76.2)	3.00" (76.2)	3.75" (95.3)	3.75" (95.3)
Adjustability	Fully	Fully	Fully	Fully
Cubic Inch (cm³) Capacity per Gang	(4) 33in^3 and (2) 89in^3 (435cm^3/1450cm^3)	(4) 33in^3 and (2) 89in^3 (435cm^3/1450cm^3)	(4) 33in^3 and (2) 89in^3 (435cm^3/1450cm^3)	(4) 33in^3 and (2) 89in^3 (435cm^3/1450cm^3))
Dimensions – A	3.00" (76.2)	3.00" (76.2)	–	–
Dimensions – B	17.45" (443.2)	17.45" (443.2)	17.45" (443.2)	17.45" (443.2)
Dimensions – C	11.60" (294.5)	11.60" (294.5)	11.60" (294.5)	11.60" (294.5)
Dimensions – D	–	–	8.37" (212.5) TYP.	8.37" (212.5) TYP.
Dimensions – E	3.46" (87.8)	3.46" (87.8)	3.75" (95.3)	3.75" (95.3)
KO Trade Size: Front & Back / Sides / Bottom	(2) ¾", 1", 1¼", 1½" (4) ¾", 1", 1¼" hub plate (4) ¾", 1", 1¼", 1½" (4) ½", ¾"	(2) ¾", 1", 1¼", 1½" (4) ¾", 1", 1¼" hub plate (4) ¾", 1", 1¼", 1½" (4) ½", ¾"	(2) ¾", 1", 1¼", 1½" (4) ¾", 1", 1¼" hub plate (4) ¾", 1", 1¼", 1½" (4) ½", ¾"	(2) ¾", 1", 1¼", 1½" (4) ¾", 1", 1¼" hub plate (4) ¾", 1", 1¼", 1½" (4) ½", ¾"
Cover Family	Rectangular	Rectangular	Round	Round
Concrete Cover Included	✓	✓	✓	✓
2" Hub Compatible	✓	✓	✓	✓

Rectangular Surface Cover
610GCCVRALU

Surface Cover with Insert
610GCCVRBKC

Rectangular Flush Cover
610GTCVRBRS

Flush Cover with Insert
610GTCVRBRZC

Round Surface Cover
CFBS1R8CVRBRS

Rectangular Covers

- Compatible with CFB6G30 and CFB6G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1500lb with 2x safety factor*
- Surface style typical applications: carpet, VCT
- Flush style typical applications: tile, finished concrete and terrazzo floors

	Cover dimensions 11½" x 10"		Cover dimensions 10½" x 9"	
Finish	Surface	Surface with Insert	Flush	Flush with Insert
Aluminum Powder Coated	**610GCCVRALU**	**610GCCVRALUC**	**610GTCVRALU**	**610GTCVRALUC**
Black Powder Coated	**610GCCVRBK**	**610GCCVRBKC**	**610GTCVRBK**	**610GTCVRBKC**
Brass Powder Coated	**610GCCVRBRS**	**610GCCVRBRSC**	**610GTCVRBRS**	**610GTCVRBRSC**
Bronze Powder Coated	**610GCCVRBRZ**	**610GCCVRBRZC**	**610GTCVRBRZ**	**610GTCVRBRZC**
Satin Nickel Powder Coated	**610GCCVRNK**	**610GCCVRNKC**	**610GTCVRNK**	**610GTCVRNKC**

Round Covers

- Compatible with CFB6G30R and CFB6G30RCR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1000lb with 2x safety factor*

Finish	Surface
Brushed Aluminum	**CFBS1R8CVRALU**
Black Powder Coated	**CFBS1R8CVRBLK**
Brass Plated	**CFBS1R8CVRBRS**
Bronze Plated	**CFBS1R8CVRBRZ**
Satin Nickel Plated	**CFBS1R8CVRNKL**

*Load applied through a 3" (76mm) mandrel in center of the cover.

ScrubShield
Complies with UL514 A & C

Plates for use in 2-, 4- and 6-Gang Floor Boxes

- UL 514A listed

Plate Style	(1) Decorator Opening	(1) Duplex Opening	(2) Extron® MAAP Openings	(2) Extron® Openings
Catalog No.	**FBMPREC**	**FBMPDUP**	**FBMPMAAP**	**FBMPAAP**

Plate Style	(2) 1U Hubbell iSTATION Openings	(1) 1.5U Hubbell iSTATION Opening	(1) Simplex Opening 1.40" Diameter	(1) Twist-Lock® Opening 1.60" Diameter
Catalog No.	**FBMP2IM**	**FBMP15IM**	**FBMP139**	**FBMP156**

Plate Style	1-Gang Blank	Cable Feed Through with Bushing	(1) Opening for TracJack® or Series II®	(1) Opening with Hubbell ISF6 Frame for Keystone Jacks
Catalog No.	**FBMPBNK**	**FBMPFT**	**FBMPTRAC**	**FBMP6KS**

15A Pre-Wired Duplex Plate
PWFBMPCR15GRY

20A Pre-Wired Decorator TR
PWFBMPDR20GRYTR

Threaded Zinc Hub
CFBHUB2

Knock-Out Plate
CFBKOPLATECR

Wire-Way
CFB4WW

Pre-Wired Device Plates

- Reduces wiring and installation times
- 8" stranded leads mounted to the face plate

Description	Type	15A	20A
Duplex, Gray	Standard	**PWFBMPCR15GRY**	**PWFBMPCR20GRY**
	Tamper-Resistant	**PWFBMPCR15GRYTR**	**PWFBMPCR20GRYTR**
Decorator, Gray	Standard	**PWFBMPDR15GRY**	**PWFBMPDR20GRY**
	Tamper-Resistant	**PWFBMPDR15GRYTR**	**PWFBMPDR20GRYTR**

Accessories

Description		Catalog No.
2" threaded zinc hub for use with CFB2G30, CFB4G30 and CFB6G30 series floor boxes; replaces CFBKOPLATE and CFBKOPLATECR		**CFBHUB2**
Replacement knock-out plate	Standard	**CFBKOPLATE**
	Epoxy Coating	**CFBKOPLATECR**
Finished floor height adjustment ring (increase post pour adjustment); use with CFBS1R6 cover series	0 – ¼"	**CFB6RCVRR1**
	¼" – ½"	**CFB6RCVRR2**
	½" – ¾"	**CFB6RCVRR3**
Finished floor height adjustment ring (increase post pour adjustment); use with CFBS1R8 cover series	0 – ¼"	**CFB8RCVRR1**
	¼" – ½"	**CFB8RCVRR2**
	½" – ¾"	**CFB8RCVRR3**
Replacement low voltage divider		**CFB46DIV**

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ScrubShield
Complies with UL514 A & C

Dimensions Inches (mm)

Style	Rectangular Cover		Round Cover	
Box Type				
Standard **On-grade**	**CFB10G55** **–**	**–** **CFB10G55CR**	**CFB10G55R** **–**	**–** **CFB10G55RCR**
Recommended Pour Depth	6.00" (152.4)	6.00" (152.4)	6.27" (159.3)	6.27" (159.3)
Min. Depth of Pour	5.52" (140.2)	5.52" (140.2)	6.27" (159.3)	6.27" (159.3)
Adjustability	Fully	Fully	Fully	Fully
Cubic Inch (cm³) Capacity per Gang	33in³/89in³ (435cm³/1450cm³)	33in³/89in³ (435cm³/1450cm³)	33in³/89in³ (435cm³/1450cm³)	33in³/89in³ (435cm³/1450cm³)
Dimensions – A	5.52" (140.2)	5.52" (140.2)	–	–
Dimensions – B	10.96" (278.4)	10.96" (278.4)	10.96" (278.4)	10.96" (278.4)
Dimensions – C	10.96" (278.4)	10.96" (278.4)	10.96" (278.4)	10.96" (278.4)
Dimensions – D	–	–	8.37" (212.5) TYP.	8.37" (212.5) TYP.
Dimensions – E	6.00" (152.4)	6.00" (152.4)	6.25" (158.8)	6.25" (158.8)
KO Trade Size: Front & Back Sides Bottom	(1) ½", ¾" (1) ¾", 1", 1¼", 1½" (1) 1", 1¼", 1½", 2 (2) ¾", 1", 1¼", 1½" (2) ½", ¾" (4) ½", ¾", 1", 1¼"	(1) ½", ¾" (1) ¾", 1", 1¼", 1½" (1) 1", 1¼", 1½", 2 (2) ¾", 1", 1¼", 1½" (2) ½", ¾" (4) ½", ¾", 1", 1¼"	(1) ½", ¾" (1) ¾", 1", 1¼", 1½" (1) 1", 1¼", 1½", 2 (2) ¾", 1", 1¼", 1½" (2) ½", ¾" (4) ½", ¾", 1", 1¼"	(1) ½", ¾" (1) ¾", 1", 1¼", 1½" (1) 1", 1¼", 1½", 2 (2) ¾", 1", 1¼", 1½" (2) ½", ¾" (4) ½", ¾", 1", 1¼"
Cover Family	Rectangular	Rectangular	Round	Round
Concrete Cover Included	✓	✓	✓	✓
2" Hub Compatible	–	–	–	–

Rectangular Surface Cover
610GCCVRBRS

Surface Cover with Insert
610GCCVRALUC

Rectangular Flush Cover
610GTCVRNK

Flush Cover with Insert
610GTCVRBKC

Round Surface Cover
CFBS1R8CVRBRZ

Rectangular Covers

- Compatible with CFB10G55 and CFB10G55CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1500lb with 2x safety factor*
- Surface style typical applications: carpet, VCT
- Flush style typical applications: tile, finished concrete and terrazzo floors

	Cover dimensions 11½" x 10"		Cover dimensions 10½" x 9"	
Finish	Surface	Surface with Insert	Flush	Flush with Insert
Aluminum Powder Coated	**610GCCVRALU**	**610GCCVRALUC**	**610GTCVRALU**	**610GTCVRALUC**
Black Powder Coated	**610GCCVRBK**	**610GCCVRBKC**	**610GTCVRBK**	**610GTCVRBKC**
Brass Powder Coated	**610GCCVRBRS**	**610GCCVRBRSC**	**610GTCVRBRS**	**610GTCVRBRSC**
Bronze Powder Coated	**610GCCVRBRZ**	**610GCCVRBRZC**	**610GTCVRBRZ**	**610GTCVRBRZC**
Satin Nickel Powder Coated	**610GCCVRNK**	**610GCCVRNKC**	**610GTCVRNK**	**610GTCVRNKC**

Round Covers

- Compatible with CFB10G55R and CFB10G55RCR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1000lb with 2x safety factor*

Finish	Surface
Brushed Aluminum	**CFBS1R8CVRALU**
Black Powder Coated	**CFBS1R8CVRBLK**
Brass Plated	**CFBS1R8CVRBRS**
Bronze Plated	**CFBS1R8CVRBRZ**
Satin Nickel Plated	**CFBS1R8CVRNKL**

*Load applied through a 3" (76mm) mandrel in center of the cover.

ScrubShield
Complies with UL514 A & C

CFB10 Series Plates

Plate Style	(1) Decorator Opening	(1) Duplex Opening	Blank	Decorator Opening Plate Including Hubbell ISF6GY	(2) Openings to Accommodate (6) Ortronics TrackJack®
Catalog No.	**FB10MPREC**	**FB10MPDUP**	**FB10MPBNK**	**FB10MPKEY**	**FB10MPTRAC**

Plate Style	(2) Decorator	(4) Extron® MAAP Modules	(4) Extron® AAP Modules	For (6) 1U Hubbell iSTATION Modules	Replacement Spacer Around Wire-Way
Catalog No.	**FB10MP2A**	**FB10MPMAAP**	**FB10MPAAP**	**FB10MP2B**	**FB10MPX**

Plate Style	(1) Twist-Lock® Opening 1.60 in. Dia. (Uses 2 Gangs)	(1) Simplex Opening 1.40 in. Dia. (Uses 2 Gangs)	(2) Twist-Lock® Opening 1.60 in. Dia. (Uses 3 Gangs)	(2) Simplex Opening 1.40" Dia. (Uses 3 Gangs)
Catalog No.	**FB10TLA**	**FB10TLX**	**FB10TLB**	**FB10TLY**

Plate Style	(3) Twist-Lock® Opening 1.60 in. Dia. (Uses 5 Gangs)	(3) Simplex Opening 1.40 in. Dia. (Uses 5 Gangs)	(2) 2-Gang. Meets NEMA Spacing. Ideal for Crestron® DM –TX Product and Power	(4) Single Service Openings Utilizing NEMA Wallplate (Uses 5 Gangs)
Catalog No.	**FB10TLC**	**FB10TLZ**	**CFB10NEMA**	**CFB10NEMA4G**
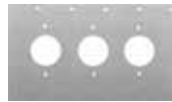
20A Pre-Wired Duplex Plate
PWFBMPCR20GRY

15A Pre-Wired Decorator Plate
PWFBMPDR15GRYTR

Adjustment Rings
CFB8RCVRR1, CFB8RCVRR2, CFB8RCVRR3

Pre-Wired Device Plates

- Reduces wiring and installation times
- 8" stranded leads mounted to the face plate

Description	Type	15A	20A
Duplex, Gray	Standard	**PWFBMPCR15GRY**	**PWFBMPCR20GRY**
	Tamper-Resistant	**PWFBMPCR15GRYTR**	**PWFBMPCR20GRYTR**
Decorator, Gray	Standard	**PWFBMPDR15GRY**	**PWFBMPDR20GRY**
	Tamper-Resistant	**PWFBMPDR15GRYTR**	**PWFBMPDR20GRYTR**

Accessories

Description		Catalog No.
Replacement wire-way, used to pass wires from one compartment to the other, for use in CFB10G55/CR rectangular boxes		**CFB10WW**
Replacement low voltage divider		**CFB10DIV**
Finished floor height adjustment ring (increase post pour adjustment); use with CFBS1R8CVR cover series	0 – ¼"	**CFB8RCVRR1**
	¼" – ½"	**CFB8RCVRR2**
	½" – ¾"	**CFB8RCVRR3**

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ScrubShield
Complies with UL514 A & C

DELIVERY

Non-Metallic
Non-corrosive plastic parallel conduit hubs reduce labor and material cost, facilitating easier wire pull.

Specifications

c(UL)us

- Minimum pour depth 3" (S1PFB) or 3½" (S1CFB, S1SFB, S1SFBAV)
- Standard 1" power entry
- Approved for use in City of Chicago

Cast Iron
Corrosion resistant for on-grade applications.

Stamped Steel
Economical and light weight for above-grade applications.

Stamped Steel AV
Accommodates high-capacity multimedia applications including an oversized 1½" N.P.T. threaded data hub.

Common Theme
Same covers for both floor boxes and fire-rated poke-throughs.

Universal Wiring
Hubbell 4x4: four 20 Amp, 125 Volt receptacles and four keystone openings for category rated applications.

Low Profile
Flange meets ADA requirements; hinged doors open 180 degrees.

Floor Box Dimensions

Inches (mm)

	Cast Iron	Steel	Steel AV	Non-Metallic
Metal / Non-Metallic	**S1CFB***	**S1SFB***	**S1SFBAV***	**S1PFB****
Min. Depth of Pour	3.50" (89)	3.50" (89)	3.50" (89)	3.00" (76)
Adjustability	Fully	Fully	Fully	Fully
Cubic Inch (cm³) Capacity	156.0 in³ (2556 cm³)	175.7 in³ (2879 cm³)	177.5 in³ (2910 cm³)	100 in³ (1639 cm³)
Dimensions – A	3.00" (76)	3.00" (76)	3.00" (76)	6.00" (152)
Dimensions – B	7.26" (184)	7.50" (191)	7.50" (191)	5.58" (142)
Dimensions – C	7.45" (189)	7.38" (187)	7.38" (187)	8.76" (222)
Dimensions – D (Inside Diameter)	5.00" (127)	5.00" (127)	5.00" (127)	5.00" (127)
Power Entries	1" N.P.T. Access Holes	¾", 1" Concentric KO	¾", 1" Concentric KO	1" Conduit Hub
Data Entries	1½" N.P.T. Access Holes	¾", 1", 1¼" Concentric KO	1½" Threaded Hub (Included)	1½" Conduit Hub
Concrete Cover Included	✓	✓	✓	✓
Closure Plugs Included	✓		✓	✓
Reducers				✓**
Accepts Hubbell SystemOne Universal Cover	✓	✓	✓	✓
Cover Mounting Clips Included	✓	✓	✓	✓
Non-Metallic Low Voltage Divider Included (S1DIV1)	✓	✓	✓	✓

*S1CFB, S1SFB and S1SFBAV are approved for use in the City of Chicago.
**S1PFB reducers included: Qty (2) combo plug/reducers 1" to ¾"; Qty (2) reducers 1½" to 1"; Qty (2) reducers 1½" to ¾"; Qty (2) plugs 1½"
Note: UL File Number E92074; CSA File Number LR18416

Carpet Cover
S1CFCAL

Tile Cover
S1TFCAL

Abandonment Plate
S1AP4BL

Threaded Hub
S1AVHUB15

Mounting Clips
S1FBCLIP5PK

Hubbell SystemOne Covers

Color	Carpet Catalog Number	Tile Catalog Number
Aluminum Finish	**S1CFCAL**	**S1TFCAL**
Brass Finish	**S1CFCBRS**	**S1TFCBRS**
Black	**S1CFCBL**	**S1TFCBL**
Gray	**S1CFCGY**	**S1TFCGY**
Ivory	**S1CFCI**	**S1TFCI**

Floor Box Accessories

Description	Catalog No.
Abandonment plate, black	**S1AP4BL**
Abandonment plate, gray	**S1AP4GY**
Replacement side by side divider	**S1DIV1**
1½" threaded hub	**S1AVHUB15***
Replacement universal cover mounting clips	**S1FBCLIP5PK**

*For use with S1SFBAV only. Permits feed-through applications. S1SFBAV floor box includes one (1) threaded hub.

ScrubShield
Complies with UL514 A & C

DELIVERY

Description	Catalog No.	Description	Catalog No.	Description	Catalog No.
Style Line® Decorator/GFCI (2) Style Line decorator openings for power and/or datacom applications ③ Non-Metallic ③.5 Metal	**S1SP**	**Duplex/Duplex** (2) duplex openings for power and/or datacom applications ③ Non-Metallic ③.5 Metal	**S1SPDU**	**Duplex/Style Line® Decorator** (1) duplex and (1) Style Line decorator opening for power and/or datacom applications ③ Non-Metallic ③.5 Metal	**S1SPDUSL**

Hubbell 4 X 4
(4) 20A, 125V receptacles, (4) keystone openings for Hubbell jacks or flush AV connectors; power can be wired as single or two circuit with isolated ground capability

S1SP4X4

Provided with 15' wire leads **S1SP4X415**
Provided with 30' wire leads **S1SP4X430**

④

Carpet Furniture Feed Cover/Flange*
(1) ¾" and (1) 1½" N.P.T. access holes for power and/or datacom applications; universal cover not required; includes carpet flange

	Aluminum Fin.	**S1SPFFAL**
	Brass Fin.	**S1SPFFBRS**
	Black	**S1SPFFBL**
③ Non-Metallic	Gray	**S1SPFFGY**
③.5 Metal		

Tile Furniture Feed Cover/Flange*
(1) ¾" and (1) 1½" N.P.T. access holes for power and/or datacom applications; universal cover not required; includes tile flange

	Aluminum Fin.	**S1SPFFTAL**
	Brass Fin.	**S1SPFFTBRS**
	Black	**S1SPFFTBL**
③ Non-Metallic	Gray	**S1SPFFTGY**
③.5 Metal		

Single Receptacle + Data
Opening for 20 or 30A Twist-Lock® receptacle (1.56" OD) and (2) keystone openings for Hubbell jacks or flush AV connectors

S1SPTL

④

Hubbell DataCom + Power
(1) 20A, 125V receptacle and 3 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SP3IM

⑤

Hubbell DataCom + Duplex
(1) duplex opening, (2) flush keystone openings and 1.5 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SPDU2IM

⑤

Hubbell DataCom + Style Line® Decorator
(1) Style Line decorator opening, (2) flush keystone openings and 1.5 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SPSL2IM

⑤

Hubbell DataCom
1 unit flush Hubbell iSTATION opening and 3 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SP4IM

③.5

Active Multimedia + Power
Single 20A, 125V receptacle, (2) flush keystone openings, (1) rectangular Style Line® decorator opening to accommodate active multimedia modules or low voltage outlet frames

S1SPAMM20

⑤

Extron® or FSR + Power
(1) 20A, 125V receptacle, recessed opening for (3) single Extron® MAAP series adapter plates or FSR IPS plates

S1SPEXT1

④

Extron® or FSR + Power
(1) 20A, 125V receptacle, recessed opening for (1) single Extron MAAP and (2) single AAP series adapter plates or FSR IPS plates

S1SPEXT2

④

Extron® or FSR Single-Service
Recessed opening for (2) single Extron MAAP and (2) single AAP series adapter plates or FSR IPS plates

S1SPEXT3

④.5

Extron® AAP + Power
(1) 20A, 125V receptacle, (2) flush keystone and recessed openings for (2) single Extron AAP Series adapter plates

S1SPEXT4

④

◯ Signifies minimum depth of concrete pour in inches for Metal Floor Boxes (S1CFB, S1SFB and S1SFBAV) and Non-Metallic Floor Box (S1PFB).
*Furnished with two screw-in flexible metal conduit connectors.

Conduit Plugs
S1FP15BL, S1FP34BL

Sub-Plate Accessories

Replacement threaded conduit plugs

Description	Color			
	Aluminum Finish	Brass Finish	Black	Gray
1½" plug	**S1FP15AL**	**S1FP15BRS**	**S1FP15BL**	**S1FP15GY**
¾" plug	**S1FP34AL**	**S1FP34BRS**	**S1FP34BL**	**S1FP34GY**

See V12 for color chart. Used with S1SPFFxx and S1SPFFTxx only. Sub-plate is supplied with plugs.

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ScrubShield
Complies with UL514 A & C

Concrete Floor Box Dimensions

Inches (mm)
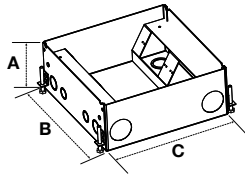
Style		CFB7G Series 7-Gang		CFB11G Series 11-Gang	
		CFB7G4	**CFB7G6**	**CFB11G4**	**CFB11G6**
Min. Depth of Pour		4.08" (104)	6.08" (154)	4.08" (104)	6.08" (154)
Adjustability		Before Pour	Before Pour	Before Pour	Before Pour
Dimensions:	A	4.08" (104)	6.08" (154)	4.08" (104)	6.08" (154)
	B	10.0" (254)	10.0" (254)	13.5" (343)	13.5" (343)
	C	12.2" (310)	12.2" (310)	12.2" (310)	12.2" (310)
Trade Size Knockouts: Sidewalls		(4) x 1", 1¼" Concentric	(4) x 1", 1¼", 1½" Concentric	(4) x 1", 1¼" Concentric	(4) x 1", 1¼", 1½" Concentric
Back		(3) x 1", 1¼", 1½" Concentric; (1) x 2"	(3) x 1", 1¼", 1½" Concentric; (1) 2"	(2) ¾", 1" Concentric; (4) 1", 1¼", 1½" Concentric, (1) 2"	(2) ¾", 1" Concentric; (4) 1", 1¼", 1½" Concentric, (1) 2"
Bottom		(4) x 1", 1¼", 1½" Concentric	(4) x 1", 1¼", 1½" Concentric	(5) 1", 1¼", 1½" Concentric; (2) ¾", 1" Concentric	(5) 1", 1¼", 1½" Concentric; (2) ¾", 1" Concentric
Side View: Depth Behind Mounting Plate		X: 1.01" Y: 2.41" Z: 3.51"	X: 2.37" Y: 3.77" Z: 3.65"	X: 1.02" Y: 2.42" Z: 3.50"	X: 2.37" Y: 3.81" Z: 3.72"
Accepts Industry Standard Size Wallplates (Sold Separately)		(1) 1-Gang (1) 2-Gang (1) 4-Gang	(1) 1-Gang (1) 2-Gang (1) 4-Gang	(2) 1-Gang (1) 3-Gang (1) 6-Gang	(2) 1-Gang (1) 3-Gang (1) 6-Gang

Interior Configuration

1-Gang   2-Gang   4-Gang

1-Gang   3-Gang   6-Gang
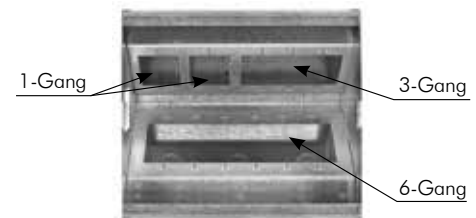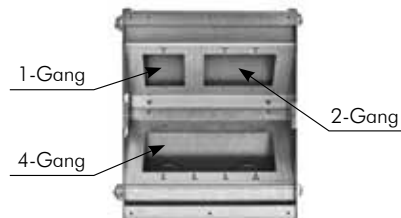
Note: UL File Number E31999; CSA File Number LR18416

On-Grade Barrier
CFBOGPAN4
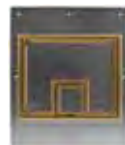
7-Gang Cover, Brass
CFB7CVRBRS

11-Gang Cover, Aluminum
CFB11CVRALU

On-Grade Barrier

Intended for use on installations at grade level; installed prior to the concrete pour and provides a barrier between the soil; on-grade barrier comes with leveling feet and anchor points; pour pan dimensions are 15.75in²/4" depth   **CFBOGPAN4**

Floor Box Covers

	CFB7G Series			CFB11G Series		
Flange and cover; Beveled edge for carpet	¼" Edging	Brass	**CFB7CVRBRS**	¼" Edging	Brass	**CFB11CVRBRS**
		Aluminum	**CFB7CVRALU**		Aluminum	**CFB11CVRALU**
Flange and cover; Square edge for tile	½" Edging	Brass	**CFB7TBRS**	¼" Edging	Brass	**CFB11TBRS**
		Aluminum	**CFB7TALU**		Aluminum	**CFB11TALU**

Note: Covers provide a recess for floor covering insert.

ScrubShield
Complies with UL514 A & C

DELIVERY

Square Flush Mount Box
HBLSHA2

Surface Mount Box
HBLCON2

Under Desk Mount Box
HBLMAR2

Screw Type Face Plates
HBLST302SBK
HBL317SBK

Square Flush Mount Boxes

Description	Finish	Dimensions	Catalog No.
2-gang square flush mount box with cover	Black	6.5"L x 6.5"W x 3.75"H	**HBLSHA2**
2-gang square flush mount box with cover	Stainless Steel	6.5"L x 6.5"W x 3.75"H	**HBLSHA2BSS**

Rectangular Flush Mount Boxes

Description	Finish	Dimensions	Catalog No.
2-gang rectangular flush mount with cover	Black	10.75"L x 4.06"W x 3.5"H	**HBLPHA2**
2-gang rectangular flush mount with cover	Stainless Steel	10.75"L x 4.06"W x 3.5"H	**HBLPHA2BSS**
4-gang rectangular flush mount with cover	Black	10.75"L x 6.5"W x 3.5"H	**HBLPHA4**
4-gang rectangular flush mount with cover	Stainless Steel	10.75"L x 6.5"W x 3.5"H	**HBLPHA4BSS**

Surface Mount Boxes

Description	Finish	Dimensions	Catalog No.
2-gang surface mount box	Black	4.19"L x 4.81"W x 2.44"H	**HBLCON2**
3-gang surface mount box	Black	6.19"L x 4.81"W x 2.44"H	**HBLCON3**

Recessed Mount Boxes

Description	Finish	Dimensions	Catalog No.
4-gang recessed mount	Black	10.25"L x 7.0"W x 5.88"H	**HBLMIR2**
8-gang recessed mount	Black	31.0"L x 10.25"W x 5.88"H	**HBLMIR4**

Under Desk Mount Boxes

Description	Finish	Dimensions	Catalog No.
2-gang under desk mount	Black	9.19"L x 3.0"W x 2.88"H	**HBLMAR2**
3-gang under desk mount	Black	13.69"L x 3.0"W x 2.88"H	**HBLMAR3**

Screw Type Face Plates

Description	Catalog No.
Duplex	**HBLST302SBK**
Style Line® decorator opening	**HBLDE301SBK**
Blank	**HBLBL300SBK**
3-unit Hubbell iSTATION	**HBLIMFSBK***
6-port	**HBL317SBK**

See Section F for module options.

Low Voltage Table Top Box
TTBXLRBK

Pre-Wired Dual-Service Box
TTBDS1BK

Low Voltage Only

Description	Dimensions	Black Anodized Aluminum	Clear Anodized Aluminum	Solid Brass
Table top box; 2" diam. hole; (1) keystone opening; keystone modules sold separately	2.19" Diameter	**TTBKSBK**	**TTBKSAL**	**TTBKSBR**
Table top box; 2" diam. hole; (1) XLR microphone jack installed	2.19" Diameter	**TTBXLRBK**	**TTBXLRAL**	**TTBXLRBR**

Pre-Wired Dual-Service

Description	Dimensions	Black Anodized Aluminum	Clear Anodized Aluminum	Solid Brass
Table top box; 3.5" diam. hole; (1) pre-wired 15A outlet with 9' power supply cord; (1) 3.5mm screw terminal audio jack; (1) 15-pin gender changer F/F; (2) keystone openings; keystone modules sold separately	3.88" Diameter	**TTBDS1BK**	**TTBDS1AL**	**TTBDS1BR**
Table top box; 3.5" diam. hole; (2) pre-wired 15A outlets with 9' power supply cord; (2) keystone openings; keystone modules sold separately	3.88" Diameter	**TTBDS2BK**	**TTBDS2AL**	**TTBDS2BR**

See Section F for AV and datacom options.

Square Lift-Up Box
WSBC21UBK

Square Mini Lift-Up Box
WSBA11BK

Work Surface Mount Box
WSBD21UBK

Recessed Concealed Services Box
WSBB23UBK

Square Lift-Up Style

Description	Finish	Dimensions	Catalog No.
(2) pre-wired 15A outlets with 6' power supply cord; 1-unit opening for Hubbell iSTATION modules; unit rotates up when in use and down to conceal services when not in use	Black Silver	5.75"L x 5.39"W x 4.25"H	**WSBC21UBK** **WSBC21USV**

Square Mini Lift-Up Style

Description	Finish	Dimensions	Catalog No.
(1) pre-wired 15A outlet with 9' power supply cord; (1) RJ-45 jack installed with 6' patch cord	Black Brushed Stainless Steel	3.7"L x 3.7"W x 2.93"H	**WSBA11BK** **WSBA11BSS**
(2) pre-wired 15A outlets with 9' power supply cord (power only)	Black Brushed Stainless Steel	3.7"L x 3.7"W x 2.93"H	**WSBA2BK** **WSBA2BSS**

Under Table Mount

Description	Finish	Dimensions	Catalog No.
(2) pre-wired 15A outlets with 9' power supply cord; (1) low voltage plate included with 1-unit opening for Hubbell iSTATION modules	Black	6.50"L x 1.75"W x 2.25"H	**WSBD21UBK**

Work Surface Mount

Description	Finish	Dimensions	Catalog No.
(1) pre-wired 15A outlet with 9' power supply cord; (1) Hubbell keystone opening	Black Silver	3.57"L x 2.19"W x 2.50"H	**WSBE11BK** **WSBE11SV**
(2) pre-wired 15A outlets with 9' power supply cord; (2) Hubbell keystone openings	Black Silver	6.32"L x 2.19"W x 2.50"H	**WSBE22BK** **WSBE22SV**
(3) pre-wired 15A outlets with 9' power supply cord; (1) low voltage plate included with 1-unit opening for Hubbell iSTATION modules	Black Silver	8.25"L x 2.19"W x 2.50"H	**WSBE31UBK** **WSBE31USV**
Mounting bracket with thumb screw (optional)	–	–	**WSBECLAMP**

Recessed Concealed Services

Description	Finish	Dimensions	Catalog No.
(2) pre-wired 15A outlets with 6' power supply cord; (1) low voltage plate included with 1-unit opening for Hubbell iSTATION modules; (2) additional 1-unit openings provided in base of unit	Black Brushed Anod. Alum. Brushed Stainless Steel	8.98"L x 5.47"W x 2.97"H	**WSBB23UBK** **WSBB23UBAL** **WSBB23UBSS**
(4) pre-wired 15A outlets with 6' power supply cord; (2) 1-unit openings for Hubbell iSTATION modules provided in base of unit	Black Brushed Anod. Alum. Brushed Stainless Steel	8.98"L x 5.47"W x 2.97"H	**WSBB43UBK** **WSBB43UBAL** **WSBB43UBSS**
Empty enclosure with (1) duplex opening, (1) low voltage plate included with 1-unit opening for Hubbell iSTATION modules; (2) additional 1-unit openings provided in base of unit; intended for field wiring	Black	8.98"L x 5.47"W x 2.97"H	**WSBBHWBK**

DELIVERY

Grommet Style
Furniture Box
WSBF22BK

Grommet Cover with
Dust Shield
WSBFGROMSV

Recessed Concealed Box
(Shown with Cover Open)
WSBG43USV

Pop-Up Style with
Trim Ring
WSBH42U, WSBHTRBK

Grommet Style

Description	Finish	Dimensions	Catalog No.
(2) pre-wired 15A outlets with 6' power supply cord; (2) Hubbell Keystone openings	Black	8.62"L x 3.0"W x 2.25"H	**WSBF22BK**
	Silver	8.62"L x 3.0"W x 2.25"H	**WSBF22SV**
Flush grommet cover with dust shield	Black	5.68"L x 3.39"W x 0.96"H	**WSBFGROMBK**
	Silver	5.68"L x 3.39"W x 0.96"H	**WSBFGROMSV**
	Brushed Aluminum	5.68"L x 3.39"W x 0.96"H	**WSBFGROMBAL**
	Brushed Stainless Steel	5.68"L x 3.39"W x 0.96"H	**WSBFGROMBSS**

Pre-Wired Work Surface Elite Series

Recessed Concealed Services

Description	Finish	Dimensions	Catalog No.
(4) pre-wired 15A outlets with 6' power supply cord; (3) low voltage plates included with 1-unit opening for Hubbell iSTATION modules	Black	15.0"L x 9.0"W x 6.25"H	**WSBG43UBK**
	Silver	15.0"L x 9.0"W x 6.25"H	**WSBG43USV**
	Clear Anodized	15.0"L x 9.0"W x 6.25"H	**WSBG43UBAL**
	Black Anodized	15.0"L x 9.0"W x 6.25"H	**WSBG43UBBA**

Pop-Up Style*

Description	Finish	Dimensions	Catalog No.
Base unit with (4) pre-wired 15A outlets with 6' power supply cord; (2) low voltage plates included with 1-unit opening for Hubbell iSTATION modules	–	8.90"L x 8.90"W x 13.9"H	**WSBH42U***
Trim ring and decorative round top	Black	5.25" Diameter	**WSBHTRBK**
Trim ring and decorative round top	Brushed Stainless Steel	5.25" Diameter	**WSBHTRBSS**

WSBH42U is CSA Certified only.

Replacement Low Voltage Data Plates

Description	Finish	Dimensions	Catalog No.
Non-metallic low voltage plate, blank	Black	3.18"L x 1.88"W	**WSBPLATE1**
Non-metallic low voltage plate, 1-unit Hubbell iSTATION cut-out	Black	3.18"L x 1.88"W	**WSBPLATE2**

Pre-Wired 2X2 USB Work Surface Pop-Up Box

Hubbell's UL listed 2X2 USB Work Surface Pop-Up Box is ideal for work surfaces, such as desks, which require power for a computer and USB charging for smart devices. Developed in coordination with the hotel industry, the Hubbell Pop-Up Box utilizes a pneumatic spring for providing a smooth action for opening and closing. Available in brushed aluminum or black powder coat, the Pop-Up Box is suited for installation with any modern décor.

Installation is simple and only requires a jig-saw or similar saw plus a screwdriver. The unit is supplied with a 5 foot cord with a molded plug end allowing it to be installed with ease. Designed to be installed into existing desks or by furniture manufactures. The Hubbell 2X2 USB Work Surface Pop-Up Box is ideally suited for any work surface application.

Charging convenience at the push of a button

Features

- 15A duplex with two USB charging ports, 3A USB charging capacity
- 5 foot, pre-wired, 12 gauge, 3-wire electrical cord, making it excellent for conference rooms or classrooms that are frequently rearranged
- Tamper-resistant receptacle
- Gas-spring actuation for smooth opening and closing
- Die cast aluminum construction
- Rated for +10,000 open/close cycles
- Simple three-screw installation
- Unobtrusive low profile flange at 0.05in
- LED power-indicating light
- Easily replaceable receptacle

5.00" (127.0) 5.00" (127.0) 3.55" (90.2) 5 Feet 1.13" (28.7)

Electrical Specifications

- Voltage: 125V
- Current: 15A
- USB charging current: 3A
- Plug type: NEMA type 5-15P
- Cord length: 5 feet

Specifications

- cULus
- Listed to UL962A for Furniture Power Distribution Units

2X2 USB Work Suface Box,
Brushed Aluminum
WSBUSB2X2ALU

2X2 USB Work Suface Box,
Brushed Aluminum
WSBUSB2X2BLK

2X2 USB Work Surface Pop-Up Box

Surface Dimensions	Cut Out Dimensions	Product Depth	Maximum Surface Thickness	Finish	Catalog No.
5" x 5"	4.62" x 4.62"	3.55"	1.125"	Brushed Aluminum	**WSBUSB2X2ALU**
				Black Powder Coat	**WSBUSB2X2BLK**

DELIVERY

HBL985 and HBL986 with HBL989
Low Voltage Partition

Gangable AV Wall Box, 2-Gang
HBL985

Gangable AV Wall Box, 3-Gang
HBL986

Low Voltage Partition
HBL989

Gangable AV Wall Boxes, 2- and 3-Gang

Box	Dimensions	Knockouts Top*	Knockouts Bottom*	Knockouts Back	Catalog No.
2-Gang, 2" KO, 54in³ capacity	H: 4¼" W: 4¹⁄₁₆" D: 4"	(2) ½" (2) ½" – ¾" TKO	(1) 1", 1¼", 1½" and 2"	(2) ½" – ¾" TKO	**HBL985**
3-Gang, 2" KO, 79in³ capacity	H: 4¼" W: 5⅞" D: 4"	(3) ½" (3) ½" – ¾" TKO	(1) ½" (1) ½" - ¾" TKO (1) 1", 1¼", 1½" and 2"	(3) ½" – ¾" TKO	**HBL986**

Low Voltage AV Wallbox Partitions

Compatible With	Compatible Mud Ring Depth	Description	Quantity	Catalog No.
HBL985 and HBL986	½", ¾" and 1¼"	Solid divider	1	**HBL989**
		With pass-thru capability	1	**HBL989AVD**

Front

Back (Cutaway)

Cutaway images are for demonstration purposes only.

2-Gang Large Capacity Wall Box
HBL260

3-Gang Large Capacity Wall Box
HBL263
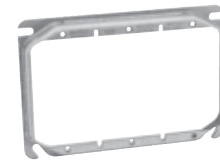
3-Gang Mud Ring
HBL792

2-Gang Large Capacity Wall Box, 66.7 Cubic Inch Capacity

Description	Dimensions	Knockouts Sides*	Knockouts Back*	Catalog No.
Square 2-gang wall box	H: 4¹¹⁄₁₆" W: 4¹¹⁄₁₆" D: 3¼"	(2) ¾" – 1" TKO; (2) 1" – 1¼" TKO; (2) 1" – 2" conc. KO	(2) ¾" – 1" TKO (2) ½"	**HBL260**

Note: Use with industry standard 4¹¹⁄₁₆" square mud rings for 1- or 2-gang applications.

3-Gang Large Capacity Wall Box, 113.3 Cubic Inch Capacity

Description	Dimensions	Knockouts Sides*	Knockouts Back*	Catalog No.
Square 2- or 3-gang wall box	H: 4¹¹⁄₁₆" W: 7¾" D: 3¼"	(4) ½" – ¾" TKO, (4) ¾" – 1" TKO, (2) 1" – 1¼" TKO, (2) 1" – 2" conc. KO	(2) ½" – ¾" TKO, (2) ¾" – 1" TKO, (2) 1" – 1¼" TKO	**HBL263**

Note: Use with industry standard 4" square mudrings for 1- or 2-gang applications.

2-Gang Mud Rings (Compatible with HBL260)

Description	Capacity	Catalog No.
⅝" height	7.3in³	**HBL818**
¾" height	8.8in³	**HBL840**
1" height	12.0in³	**HBL819**
1¼" height	15.0in³	**HBL820**

3-Gang Mud Rings (Compatible with HBL263)

Description	Capacity	Catalog No.
½" height	10.1in³	**HBL792**
⅝" height	12.3in³	**HBL793**
1¼" height	24.3in³	**HBL794**

Low Voltage Partitions

Compatible With	Compatible Mud Ring Depth	Description	Quantity	Catalog No.
HBL260 and HBL263	½", ¾" and 1¼"	Solid divider	1	**HBL981**
		With pass-thru capability	1	**HBL981AVD**

*TKO (Tangential Knockout)

FPTV Enclosure
NSAV62M

FPTV Enclosure Cover
NSAV6C

Surge Protected Power Kit
NSOKPS

HDMI Frame
NS801W

AV Ceiling Enclosure
AVCE1

FPTV Connection Enclosure

Description	Color	Catalog No.
2-gang in-wall enclosure	White	**NSAV62M**
Steel cover for NSAV6 series	White	**NSAV6C**
4-gang in-wall enclosure	White	**NSAV124M**
Steel cover for NSAV12 series	White	**NSAV12C**

Power Kits

For use with NSAV62M only		
Description	Color	Catalog No.
Standard power kit	White	**NSOKP**
Surge protected power kit	Blue	**NSOKPS**

AV Connectors and Plates

Description	Color	Catalog No.
1-gang decorator plate	White	**NP26W**
1-gang Hubbell iSTATION plate	White	**IMF1W**
1-gang 4-port keystone plate	White	**NSP14W**
1-port HDMI frame	White	**NS801W**
2-port HDMI frame	White	**NS802W**
HDMI snap fit	Black	**SFHC14BK**
F-connector snap fit	White	**NSF70W**
USB A-to-B snap fit	White	**SFUSBABW**
Cat 6 snap fit jack	White	**NSJ6W**

Note: See Section F for AV and datacom options

AV Ceiling Enclosure

Description	Color	Catalog No.
AV ceiling enclosure	White	**AVCE1**
AV ceiling enclosure, plenum rated	White	**AVCE1P**

Note: Enclosure includes 24" x 12" x 8" enclosure, (2) 20A duplex receptacles and 2-gang back box.

DELIVERY

Safety

• Low profile flange, 0.150", is better than ADA requirements
• Hide-away egress door fold under cover while in use
• 180° opening of main door

Functionality

• Cables and connections are protected by recessed functionality
• Open architecture sub-plate design
• Dirt ingress reduced by egress door brushes
• Exceeds UL 514A Scrub Requirements with ScrubShield® technology
• Easy selection with common flange for all floor types

Value

• Enhance building décor with numerous finishes
• Increase durability and longevity with cast aluminum covers

Online Resources

BIM models, customer drawings and technical specifications are available on www.hubbell-wiring.com.

8" Sub-Plate Features

Center Plate Configurations:
• Allows for three duplex receptacles or up to 18 data and or audio visual jacks
• Open architecture sub-plate design accommodates FSR®, Extron®, Crestron®, etc.
• NEMA spacing between devices
• All plates can be independently wired

Outer Plate Configurations:
• Available in pre-wired 20A duplex receptacles or data/AV plates
• Multiple 20A duplex receptacles can be wired to a common circuit or independently

6" Sub-Plate Features

60/40 Device Plate Combination:
• Allows for a wide array of data and audio visual connectivity with a 20A duplex receptacle
• The two plates can be independently wired

50/50 Device Plate Combination:
• Accommodates up to two 20A duplex receptacles with eight data or audio visual connections
• The two plates can be independently wired

4" Sub-Plate Features

Plate Configurations
• Quad receptacle sub-plate, single or dual circuit wiring
• 2x2 sub plate for decorator or traditional receptacles plus two keystone jacks
• Since service decorator or traditional sub-plates

Extron is a registered trademark of Extron Electronics.
Crestron is a registered trademark of Crestron Electronics, Inc.
FSR is a registered trademark of FSR Inc.

STEP 1 | Select Poke Through

8" Recessed Access	6" Recessed Access	6" Furniture Feed	4" Recessed Access

STEP 2 | Select Sub-Plates

8" Recessed Access	6" Recessed Access		4" Recessed Access	
Center Sub-Plates with Outer Sub-plates	60/40 split Sub-Plates	50/50 split Sub-Plates	Quad Sub-Plates	2X2 Sub-Plates
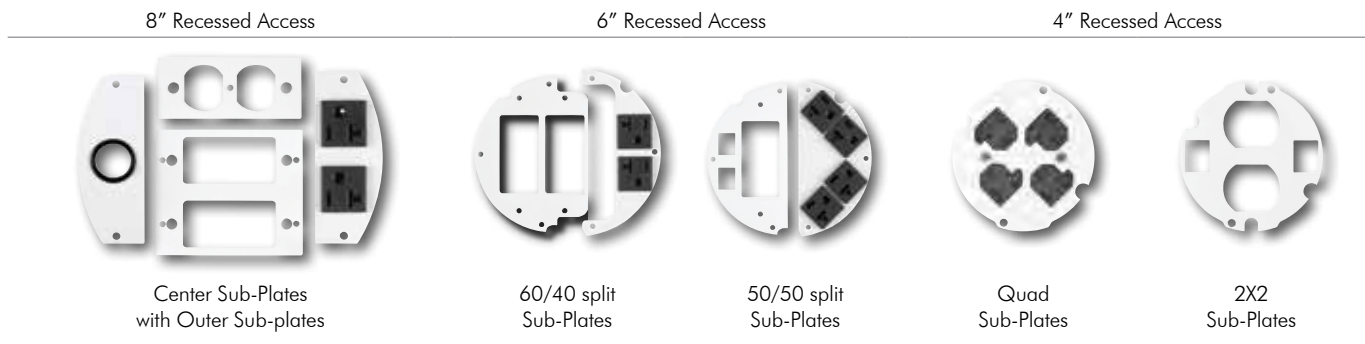
Note: Furniture feed model does not use sub-plates.

STEP 3 | Select Cover Finishes

Black Powder Coat	Bronze Plated Finish	Brushed Brass Plated	Satin Nickel Plated	Brushed Aluminum

Recommended Fire-Rated Poke-Through Size Chart

To avoid over or under utilizing the capacity of the fire-rated poke-through, first determine how many gangs of power, data and AV are required for the application. The matrix below will guide you to the correct poke-through size.

Recommended Fire-Rated Poke-Through Size

POWER GANGS	0	1	2	3	4	5
5	8"	Exceeds capacity				
4	8"	8"	of Hubbell recessed			
3	6"	8"	8"	poke-throughs		
2	6"	6"	8"	8"		
1	4"	6"	6"	8"	8"	
0	–	4"	6"	8"	8"	8"

DATA AND AV GANGS

Example: 2 gangs of power, 1 gang of AV and 1 gang of data is required.
Find the intersection for 2 power gangs with 2 data/AV gangs.
The highlighted intersection defines the recommended FRPT.

ScrubShield
Complies with UL514 A & C

DELIVERY

Features

- Step down installation
- Maintains concrete floor fire rating up to two hours
- Junction box standard
- For use in the City of Chicago applications, junction box is NOT included
- Features ScrubShield® technology that exceeds UL514A scrub water exclusion requirements

Cast Aluminum Cover

Large Wiring Compartments

Recessed 3.5" Deep Connectivity Chamber

Fixed Wiring Chamber

Standard ¾" EMT

On-Site Exchangeable Center Compartment Fitting

S1R8PTFIT1   S1R8PTFIT2   S1R8PTFIT3
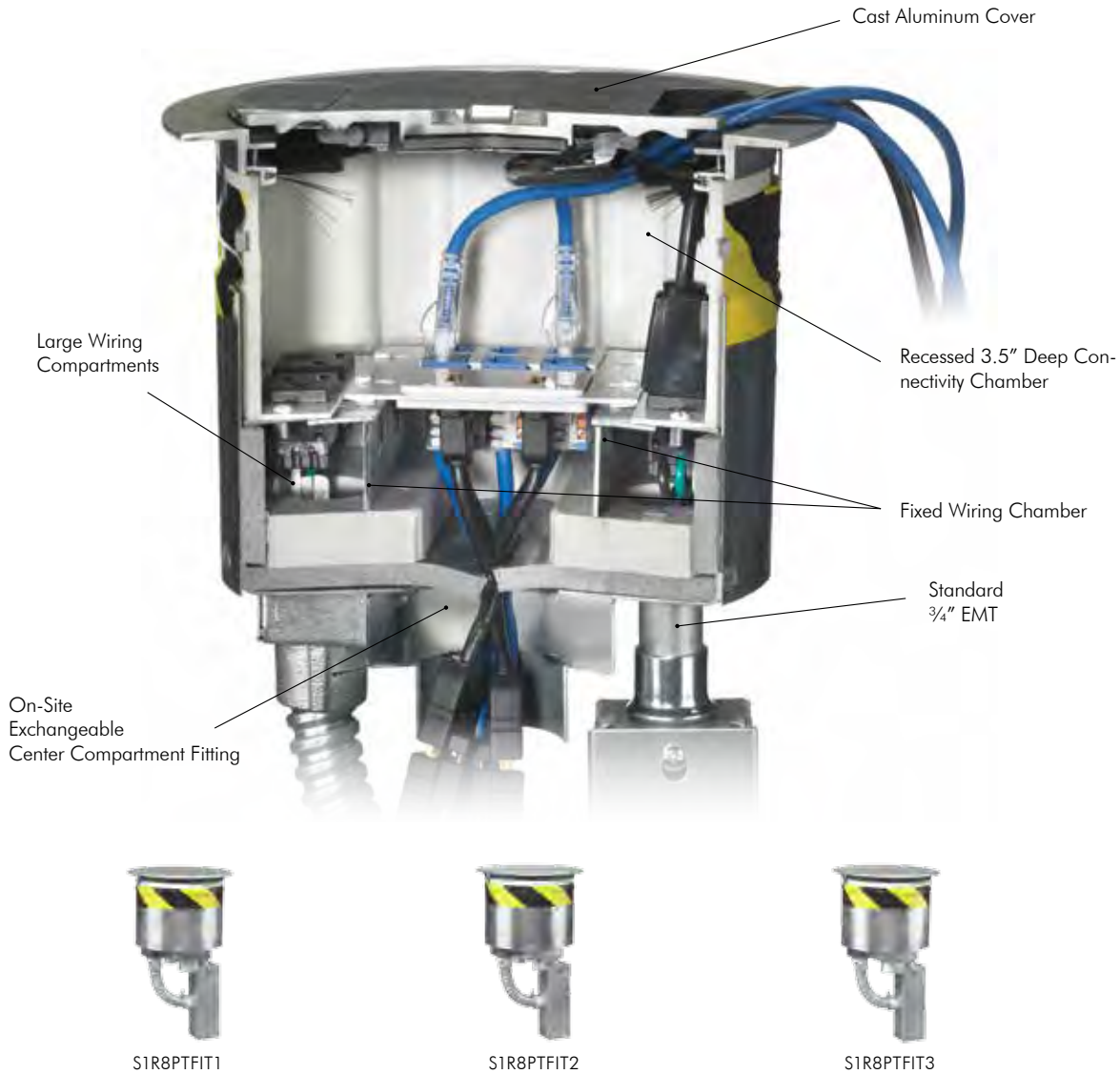
8" Fire-Rated Poke-Throughs

Description	Catalog No.
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC1 with (1) 1" EMT and (1) 1½" EMT	**S1R8PTFIT1**
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC2 with (2) 1" EMT	**S1R8PTFIT2**
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC3 with (1) 2" EMT	**S1R8PTFIT3**
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC1 with (2) 1inch EMT and (1) 1½" EMT; no junction box or flexible metal conduit	**S1R8PTFIT1CHI**
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC2 with (2) 1" EMT; no junction box or flexible metal conduit	**S1R8PTFIT2CHI**
8" Fire-Rated Poke-Through includes: (1) ¾" power EMT plus (1) S1R8JNC3 with (1) 2" EMT; no junction box or flexible metal conduit	**S1R8PTFIT3CHI**

ScrubShield
Complies with UL514 A & C

c(UL)us (ULc) LISTED

Center Plate Configurations

- Allows for 3 duplexes or up to 18 data/AV jacks. Other combinations possible
- Accepts third party AV devices (i.e. FSR®, Crestron®, Extron®)
- Standard NEMA spacing between devices

Outer Plate Configurations

- Available in pre-wired duplexes or openings to accommodate third party AV devices
- Multiple duplexes can be wired in the supplied junction box or independently

Center, Twist-Lock S1R8CSPG	Center, Duplex S1R8CSPI	Center, 2-Gang Decorator S1R8CSPM	Outer, iSTATION S1R8PSPY	Outer, Dual 20A S1R8PSPZ	Aluminum Cover S1R8CVRALU	Replacement Fitting Box S1R8JNC1

Center Sub-Plates, Single Gang

Description	Catalog No.
Blank cover plate	**S1R8CSPB**
(1) 1 unit Hubbell iSTATION opening	**S1R8CSPD**
(1) 1.60" opening for 20A and 30A Twist-Lock®	**S1R8CSPG**
(1) 1.40" opening for simplex or 15A Twist-Lock®	**S1R8CSPJ**
(2) Extron® MAAP openings	**S1R8CSPC**
(1) 1.5 unit Hubbell iSTATION opening	**S1R8CSPE**
(1) Duplex opening	**S1R8CSPI**
(1) Style Line® Decorator opening	**S1R8CSPK**

Center Sub-Plates, 2- and 3-Gang

Description	Catalog No.
Two gang; (4) Extron® AAP openings	**S1R8CSPA**
Two gang; (2) Style Line® Decorator openings	**S1R8CSPM**
Three gang; blank cover plate	**S1R8CSPN**
Two gang; 3 unit Hubbell iSTATION opening	**S1R8CSPL**
Two gang; device depth extension collar (for use with third party data up to 2.5" depth or two power receptacles)	**S1R8CSPEXT**

Recessed 8" Covers

Single piece 8" FRPT cover assembly unit includes solid cast aluminum construction, carpet gasket and mounting hardware.

Description	Catalog No.
Brushed Aluminum	**S1R8CVRALU**
Black Powder Coat	**S1R8CVRBLK**
Brushed Brass Plated	**S1R8CVRBRS**
Bronze Plated Finish	**S1R8CVRBRZ**
Satin Nickel Plated	**S1R8CVRNKL**

Outer Sub-Plates

Description	Catalog No.
Blank cover plate	**S1R8PSPU**
Pull through with 1" bushing opening	**S1R8PSPW**
(1) 1 unit Hubbell iSTATION opening	**S1R8PSPY**
Single Extron® MAAP opening	**S1R8PSPV**
Single Extron® MAAP opening	**S1R8PSPX**
Dual 20A pre-wired power cubes; one circuit (Supplied with isolated ground sticker)	**S1R8PSPZ**

8" Accessories

Description	Catalog No.
Pre-pour tube, includes hardware	**S1R8PPT***
Abandonment plate, black finish	**S1R8ADMTBK**
Low voltage replacement divider	**S1R8DIV**
Power junction box, 27.0 cubic inches; (1) ¾" and (1) 1" EMT connector	**S1FRPTJB**

*Not UL Listed

Replacement Fitting Box

Description	Catalog No.
(1) 1" and (1) 1½" EMT	**S1R8JNC1**
(2) 1" EMTs	**S1R8JNC2**
(1) 2" EMT	**S1R8JNC3**
(3) 1" EMTs	**S1R8JNC4**
(1) 1½" and (1) 1¼" EMT	**S1R8JNC5**
(2) 1¼" EMTs	**S1R8JNC6**
(1) ¾" and (2) 1" EMTs	**S1R8JNC7**
(1) ¾" and (1) 1¼" EMT	**S1R8JNC8**
(1) ¾" and (2) 1¼" EMTs	**S1R8JNC9**

Note: Rectangle sub-plates are for center compartment, crescent sub-plates are for outer compartments and are not inter-changeable. See section F for Hubbell iSTATION modules.

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ScrubShield
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Features

- Step down installation
- Maintains concrete floor fire rating up to two hours
- Junction box standard
- Includes (1) 2″ data/AV EMT and (1) ¾″ power EMT
- For use in the City of Chicago applications, junction box is NOT included
- Features ScrubShield® technology that exceeds UL514A scrub water exclusion requirements

Cast Aluminum Cover

3.5″ Recessed Connectivity Chamber

Low Voltage Divider

2″ EMT

Large Wiring Compartments, divides up to 2.9″ (73mm) deep

¾″ EMT
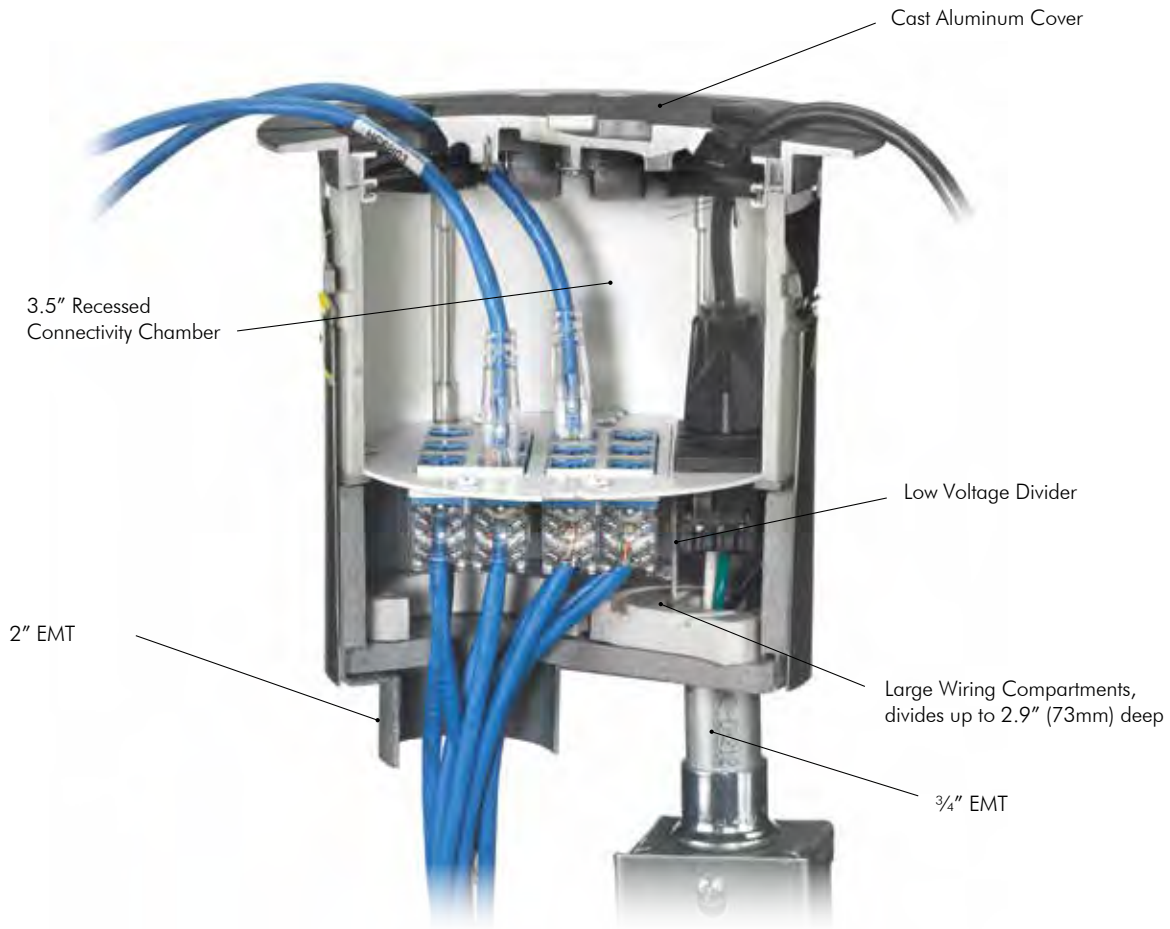
S1R6PTFIT

S1R6PTFITCHI

6″ Fire-Rated Poke-Throughs

Description	Catalog No.
6″ Fire-Rated Poke-Through	**S1R6PTFIT**
6″ Fire-Rated Poke-Through; for use in the City of Chicago	**S1R6PTFITCHI**

ScrubShield
Complies with UL514 A & C

DELIVERY

c(UL)us (ULC) LISTED

60/40 Device Plate Combination

- Allows for up to twelve data/AV jacks plus a 20A duplex receptacle
- Two plates which can be wired independently

50/50 Device Plate Combination

- Allows for up to eight Hubbell data jacks plus two 20A duplex receptacles
- Two plates which can be wired independently

DELIVERY

| Left 60%, Decorator and MAAP S1R6SPV | Right 40%, 20A Pre-Wired S1R6SPZ25 | Left 50%, Decorator and Keystone S1R6SPE | Right 50%, Duplex S1R6SPV | Right 50%, 20A Pre-Wired S1R6SPV | Recessed 6" Cover S1R6CVRBLK | Pre-Pour Tube S1R6PPT |

Left 60% Sub-Plates

Description	Catalog No.
(1) Style Line® decorator, (2) Extron® MAAP openings	**S1R6SPV**
(2) Style Line decorator openings	**S1R6SPW**
(1) Style Line decorator, (2) Extron AAP openings	**S1R6SPX**
(1) Style Line decorator, (2) 1.5 unit Hubbell iSTATION openings*	**S1R6SPY**
(6) Extron MAAP openings	**S1R6SPT**
(2) Extron MAAP, (2) Extron AAP openings	**S1R6SPU**

Note: Left side only

Right 40% Sub-Plates

Description	Catalog No.
(2) 20A pre-wired receptacles; 16" lead; one circuit (Supplied with isolated ground sticker)	**S1R6SPZ**
(2) 20A pre-wired receptacles; 25 foot lead; one circuit (Supplied with isolated ground sticker)	**S1R6SPZ25**

Note: Right side only

6" Accessories

Description	Catalog No.	
Pre-pour tube, including hardware	**S1R6PPT****	
Abandonment plate, black finish	**S1R6ADMTBK**	
Low voltage replacement divider	**S1R6DIV**	
Power junction box, 27.0 cubic inches; (1) ¾" and (1) 1" EMT connector	**S1FRPTJB**	
	2" Catalog No.	¾" Catalog No.
Replacement furniture feed fitting	**S1RFFFIT2**	**S1RFFFIT075**
Replacement plugs		
Aluminum	**S1RPLUG2ALU**	**S1RPLUG075ALU**
Black	**S1RPLUG2BLK**	**S1RPLUG075BLK**
Brass	**S1RPLUG2BRS**	**S1RPLUG075BRS**
Bronze	**S1RPLUG2BRZ**	**S1RPLUG075BRZ**
Nickel	**S1RPLUG2NKL**	**S1RPLUG075NKL**

Left 50% Sub-Plates

Description	Catalog No.
(3) Extron® AAP openings	**S1R6SPA**
(5) Extron MAAP openings	**S1R6SPC**
(1) Style Line Decorator, (2) Hubbell keystone openings	**S1R6SPE**
(3) Extron MAAP, (2) Hubbell keystone jack openings	**S1R6SPL**
Blank cover plate	**S1R6SPB**
(4) 1 unit Hubbell iSTATION openings*	**S1R6SPD**
(2) 1.5 unit Hubbell iSTATION openings*	**S1R6SPF**
(1) Style Line® decorator opening	**S1R6SPM**

Note: Left side only

Right 50% Sub-Plates

Description	Catalog No.
(1)1.60" opening for 20A and 30A Twist-Lock®	**S1R6SPG**
(1) Duplex device opening	**S1R6SPI**
(1) Style Line® decorator device opening	**S1R6SPK**
(4) 20A pre-wired receptacles; 16" leads; one or two circuits (Supplied with isolated ground sticker)	**S1R6SPH**
(1) 1.4" opening for simplex or 15A Twist-Lock	**S1R6SPJ**

Note: Right side only

Recessed 6" Covers

6" FRPT cover assembled unit includes solid cast aluminum construction, carpet gasket and mounting hardware.

Description	Catalog No.	Furniture Feed Option
Brushed Aluminum	**S1R6CVRALU**	**S1R6FFCVRALU**
Black Powder Coat	**S1R6CVRBLK**	**S1R6FFCVRBLK**
Brushed Brass Plated	**S1R6CVRBRS**	**S1R6FFCVRBRS**
Bronze Plated Finish	**S1R6CVRBRZ**	**S1R6FFCVRBRZ**
Satin Nickel Plated	**S1R6CVRNKL**	**S1R6FFCVRNKL**

**Not UL Listed*

See section F for Hubbell iSTATION modules.
Note: Sub-plates can not be rotated to create additional layouts. When assembled, sub-plates can not overlap.
Custom plates available upon request and may be subject to minimum order quantity

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ScrubShield
Complies with UL514 A & C

C (UL) US   (ULC) LISTED

Pre-Wired 8" Fire-Rated Poke-Through

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT1) • (4) 20A, pre-wired receptacles, 18" wire lead, two pieces (S1R8PSPZ) • (1) Fitting connection box with 1" and 1½" EMT stubs (S1R8JNC1) • (1) 8" flange and universal cover assembly (S1R8CVRxx) Receptacles feature single circuit wiring	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PTZZ1ALU** **S1R8PTZZ1BLK** **S1R8PTZZ1BRS** **S1R8PTZZ1BRZ** **S1R8PTZZ1NKL**
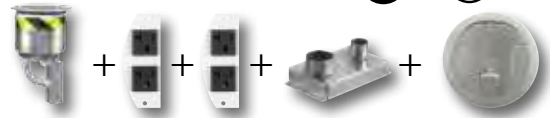
8" Fire-Rated Poke-Through

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT1) • (1) Fitting connection box with 1" and 1½" EMT stubs (S1R8JNC1) • (1) 8" flange and universal cover assembly (S1R8CVRxx)	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PT1ALU** **S1R8PT1BLK** **S1R8PT1BRS** **S1R8PT1BRZ** **S1R8PT1NKL**
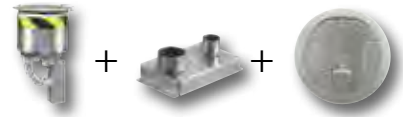
Pre-Wired 8" Fire-Rated Poke-Through

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT2) • (4) 20A, pre-wired receptacles, 18" wire lead, two pieces (S1R8PSPZ) • (1) Fitting connection box with (2) 1" EMT stubs (S1R8JNC2) • (1) 8" flange and universal cover assembly (S1R8CVRxx) Receptacles feature single circuit wiring	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PTZZ2ALU** **S1R8PTZZ2BLK** **S1R8PTZZ2BRS** **S1R8PTZZ2BRZ** **S1R8PTZZ2NKL**
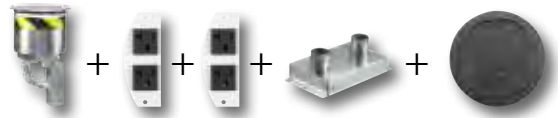
8" Fire-Rated Poke-Through

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT2) • (1) Fitting connection box with (2) 1" EMT stubs (S1R8JNC2) • (1) 8" flange and universal cover assembly (S1R8CVRxx)	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PT2ALU** **S1R8PT2BLK** **S1R8PT2BRS** **S1R8PT2BRZ** **S1R8PT2NKL**
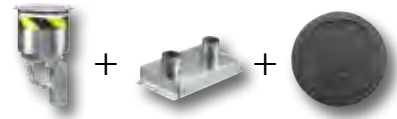
Pre-Wired 8" Fire-Rated Poke-Through for Data AV

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT3) • (4) 20A, pre-wired receptacles, 18" wire lead, two pieces (S1R8PSPZ) • (1) Fitting connection box with one 2" EMT stubs (S1R8JNC3) • (1) 8" flange and universal cover assembly (S1R8CVRxx) Receptacles feature single circuit wiring	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PTZZ3ALU** **S1R8PTZZ3BLK** **S1R8PTZZ3BRS** **S1R8PTZZ3BRZ** **S1R8PTZZ3NKL**

8" Fire-Rated Poke-Through

	Finish	Catalog No.
Unit includes: • (1) Hubbell SystemOne 8" floor fitting (S1R8PTFIT3) • (1) Fitting connection box with (1) 2" EMT stubs (S1R8JNC3) • (1) 8" flange and universal cover assembly (S1R8CVRxx)	Brushed Aluminum Black Powder Coat Brass Plated Bronze Plated (Oil rubbed) Nickel Plated	**S1R8PT3ALU** **S1R8PT3BLK** **S1R8PT3BRS** **S1R8PT3BRZ** **S1R8PT3NKL**

Note: xx indicates finish options.

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Pre-Wired 60/40 Split 6" FRPT for Data AV

Unit includes:
- (1) Hubbell SystemOne 6" floor fitting (S1R6PTFIT)
- (2) decorator opening sub-plate (S1R6SPW)
- (2) 20A, pre-wired receptacle with 18" wire leads (S1R6SPZ)
- (1) 6" flange and universal cover assembly (S1R6CVRxx)

Receptacles feature single circuit wiring.

Finish	Catalog No.
Brushed Aluminum	**S1R6PTWZALU**
Black Powder Coat	**S1R6PTWZBLK**
Brass Plated	**S1R6PTWZBRS**
Bronze Plated (Oil rubbed)	**S1R6PTWZBRZ**
Nickel Plated	**S1R6PTWZNKL**

Pre-Wired 50/50 Split 6" Fire-Rated Poke-Through for Data AV

Unit includes:
- (1) Hubbell SystemOne 6" floor fitting (S1R6PTFIT)
- (4) 1 unit Hubbell iSTATION openings (S1R6SPD)
- (1) decorator opening and (2) keystone openings (S1R6SPE)
- (4) 20A, pre-wired receptacles (S1R6SPH)
- (1) 6" flange and universal cover assembly (S1R6CVRxx)

Opening architecture keystone openings accept Hubbell modular jacks and many others. Receptacles feature single or two circuit wiring and isolated ground capability.
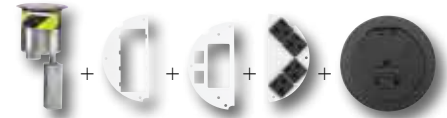
Finish	Catalog No.
Brushed Aluminum	**S1R6PTDEHALU**
Black Powder Coat	**S1R6PTDEHBLK**
Brass Plated	**S1R6PTDEHBRS**
Bronze Plated (Oil rubbed)	**S1R6PTDEHBRZ**
Nickel Plated	**S1R6PTDEHNKL**

Pre-Wired 50/50 Split 6" Fire-Rated Poke-Through for Third Party Devices

Unit includes:
- (1) Hubbell SystemOne 6" floor fitting (S1R6PTFIT)
- (3) Extron® AAP openings (S1R6SPA)
- (5) Extron® MAPP openings (S1R6SPC)
- (1) decorator opening and (2) Hubbell keystone openings (S1R6SPE)
- (4) 20A, pre-wired receptacles (S1R6SPH)
- (1) 6" flange and universal cover assembly (S1R6CVRxx)

Opening architecture Keystone openings accept Hubbell modular jacks and many others. Receptacles feature single or two circuit wiring and isolated ground capability.
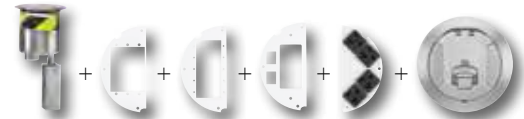
Finish	Catalog No.
Brushed Aluminum	**S1R6PTACEHALU**
Black Powder Coat	**S1R6PTACEHBLK**
Brass Plated	**S1R6PTACEHBRS**
Bronze Plated (Oil rubbed)	**S1R6PTACEHBRZ**
Nickel Plated	**S1R6PTACEHNKL**

6" Fire-Rated Poke-Through with Finished Cover

Unit includes:
- (1) Hubbell SystemOne 6" floor fitting (S1R6PTFIT)
- (1) 6" flange and universal cover assembly (S1R6CVRxx)

Finish	Catalog No.
Brushed Aluminum	**S1R6PTALU**
Black Powder Coat	**S1R6PTBLK**
Brass Plated	**S1R6PTBRS**
Bronze Plated (Oil rubbed)	**S1R6PTBRZ**
Nickel Plated	**S1R6PTNKL**

6" Fire-Rated Poke-Through for Furniture Feed Applications

Unit includes:
- (1) Hubbell SystemOne 6" floor fitting (S1R6PTFIT)
- (1) 6" furniture feed flange and cover assembly (S1R6FFCVRxx)
- (1) 2" conduit fitting (S1RFFFIT2)
- (1) ¾" conduit fitting (S1RFFFIT075)

Finish	Catalog No.
Brushed Aluminum	**S1R6PTFFALU**
Black Powder Coat	**S1R6PTFFBLK**
Brass Plated	**S1R6PTFFBRS**
Bronze Plated (Oil rubbed)	**S1R6PTFFBRZ**
Nickel Plated	**S1R6PTFFNKL**

Note: xx indicates finish options.
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ScrubShield
Complies with UL514 A & C

D E L I V E R Y

AV Inspired Fire-Rated Poke-Through

The Hubbell S1PTAVxxx offers an industry leading 1½" data/AV EMT and ¾" power EMT to maximize use of the 4" core hole.

Multiple Sub-Plates

Allow for use of most standard and third party devices.

Fire Rating

Fire barrier expands during fire conditions to maintain the floor's fire rating up to four hours.

Specifications

c(UL)us

- UL installation spacing: minimum two feet on center, not more than one per 65 square feet of floor area in each span
- Hubbell SystemOne Fire-Rated Poke-Throughs are approved for use in the City of Chicago
- Meets ADA standards for accessible design, section 4.3.8

Unique Cover Design

Durable cast aluminum construction available in black, gray, brass, aluminum and ivory powder coat finishes.

ScrubShield
Complies with UL514 A & C

Hubbell SystemOne 4-Inch Core Hole One-Piece Poke-Throughs

All Hubbell SystemOne 4-inch core, one-piece poke-throughs include the sub-plate and cover to simplify your order and reduce installation time. Units are also available with a power junction box installed. The junction box is also available for purchase separately.

4X4 Poke-Through
S1PT4X4

Decorator Poke-Through
S1PTAL

Modular AV Poke-Through
S1PT3IM

Furniture Feed Poke-Through
S1PTFFAL

One-Piece 4X4 Poke-Through

Description	Color	Without Junction Box	With Junction Box*
Assembled unit includes: • Hubbell SystemOne 4X4 floor fitting (S1PT4X4FIT) • 4X4 sub-plate (S1SP4X4) • Finish flange and universal carpet cover assembly (S1CFCxx) • 4-hour fire classification	Aluminum Finish	**S1PT4X4AL**	**S1PT4X4ALJ**
	Brass Finish	**S1PT4X4BRS**	**S1PT4X4BRSJ**
	Black/Brass Finish	**S1PT4X4BRS3**	**S1PT4X4BRS3J**
	Black	**S1PT4X4BL**	**S1PT4X4BLJ**
Keystone openings accept Hubbell modular jacks, X-END connectors and flush multimedia Snap Fit connectors. Receptacles feature single or two circuit wiring and isolated ground capability.	Gray	**S1PT4X4GY**	**S1PT4X4GYJ**

One-Piece Dual Style Line® Decorator Poke-Through

Assembled unit includes:	Aluminum Finish	**S1PTAL**	**S1PTALJ**
• Hubbell SystemOne dual channel floor fitting (S1PTFIT) • Dual Style Line Decorator opening sub-plate (S1SP) • Finish flange and universal carpet cover assembly (S1CFCxx) • 4-hour fire classification	Brass Finish	**S1PTBRS**	**S1PTBRSJ**
	Black	**S1PTBL**	**S1PTBLJ**
Style Line Decorator openings accept two Style Line Decorator or one surge or GFCI receptacle and one Style Line Decorator receptacle. Outlet frames can be used to convert the application to a 6-port multi-service or a 12-port all communication solution. Fitting is 4-hr rated at 100% fill to accommodate (12) Cat 6A cables (0.330" diameter).	Gray	**S1PTGY**	**S1PTGYJ**

One-Piece Modular AV Poke-Through

Assembled unit includes:	Aluminum Finish	**S1PT3IMAL**	**S1PT3IMALJ**
• Hubbell SystemOne AV floor fitting (S1PTAVFIT) • 20A, 125V power and 3-unit Hubbell iSTATION sub-plate (S1SP3IM) • Finish flange and universal carpet cover assembly S1CFCxx) • 4-hour fire classification	Brass Finish	**S1PT3IMBRS**	**S1PT3IMBRSJ**
	Black	**S1PT3IMBL**	**S1PT3IMBLJ**
The Hubbell iSTATION recessed opening can accommodate datAVoice/audio and video solutions including 15-pin VGA, RCA, S-Video, 3.5mm stereo, X-END, HDMI and XLR microphone jacks.	Gray	**S1PT3IMGY**	**S1PT3IMGYJ**

One-Piece Furniture Feed Poke-Through

Assembled unit includes:	Aluminum Finish	**S1PTFFAL**	**S1PTFFALJ**
• Hubbell SystemOne AV floor fitting (S1PTAVFIT) • Hubbell SystemOne Furniture Feed Cover Plate (S1SPFFxx) • 4-hour fire classification	Brass Finish	**S1PTFFBRS**	**S1PTFFBRSJ**
	Black	**S1PTFFBL**	**S1PTFFBLJ**
This solution provides (1) ¾" conduit for power and (1) 1½" conduit for low-voltage; furnished with two screw-in flexible metal conduit connectors	Gray	**S1PTFFGY**	**S1PTFFGYJ**

ScrubShield
Complies with UL514 A & C

Junction box factory installed on through floor fitting.

4X4
Through Floor Fitting
S1PT4X4FIT

Dual Channel
Through Floor Fitting
S1PTFIT

AV
Through Floor Fitting
S1PTAVFIT

Hubbell SystemOne 4-Inch Core Hole, Three-Piece Units

4X4 Through Floor Fitting

Description	Without Junction Box	With Junction Box*
Through floor fitting with two ¾" E.M.T. for communications and one ¾" E.M.T. for power. For use with Hubbell SystemOne universal covers and S1SP4X4 and S1SPTL series sub-plates only. Universal cover and sub-plate ordered separately. 4-hour fire classification.	**S1PT4X4FIT**	**S1PT4X4FITJ**

Dual Channel Through Floor Fitting

Through floor fitting with two 1" E.M.T. conduit stems to feed power and/or communication services. For use with Hubbell SystemOne universal covers and all Hubbell sub-plates except S1SP4X4 and S1SPTL series. Universal cover and sub-plate ordered separately. 4-hour fire classification.	**S1PTFIT**	**S1PTFITJ**

AV Through Floor Fitting

Through floor fitting with one ¾" E.M.T. conduit stem for power and one 1½" E.M.T. conduit stem for communication services. Ideal for demanding, high capacity audio/video and data requirements. For use with Hubbell SystemOne universal covers and all Hubbell sub-plates except S1SP4X4 and S1SPTL series. Universal cover and sub-plate ordered separately. 4-hour fire classification.	**S1PTAVFIT**	**S1PTAVFITJ**

*Junction box factory installed on through floor fitting.

Universal Carpet Cover
S1CFCAL

Universal Tile Cover
S1TFCAL

Abandonment Plate
S1AP4BL

Fire-Rated Closure Plug
S1FRPBL

Power Junction Box
S1FRPTJB

Hubbell SystemOne Universal Covers

Color	Carpet Catalog Number	Tile Catalog Number
Aluminum Finish	**S1CFCAL**	**S1TFCAL**
Brass Finish	**S1CFCBRS**	**S1TFCBRS**
Black	**S1CFCBL**	**S1TFCBL**
Gray	**S1CFCGY**	**S1TFCGY**
Ivory	**S1CFCI**	**S1TFCI**

Poke-Through Accessories

Description	Catalog No.
Abandonment plate, black	**S1AP4BL**
Abandonment plate, gray	**S1AP4GY**
Fire-rated closure plug, black	**S1FRP4BL**
Fire-rated closure plug, gray	**S1FRP4GY**
Power junction box with trade size knockouts: (1) top 1", (1) bottom ¾", (2) side ½", (1) side ¾"	**S1FRPTJB**

ScrubShield
Complies with UL514 A & C

DELIVERY HUBBELL

Description	Catalog No.	Description	Catalog No.	Description	Catalog No.

Style Line® Decorator/GFCI
(2) Style Line decorator openings for power and/or datacom applications

S1SP

Duplex/Duplex
(2) duplex openings for power and/or datacom applications

S1SPDU

Duplex/Style Line® Decorator
(1) duplex and (1) Style Line decorator opening for power and/or datacom applications

S1SPDUSL

Hubbell 4 X 4
(4) 20A, 125V receptacles, (4) keystone openings for Hubbell jacks or flush AV connectors; power can be wired as single or two circuit with isolated ground capability

S1SP4X4

Provided with 15' wire leads **S1SP4X415**
Provided with 30' wire leads **S1SP4X430**

Carpet Furniture Feed Cover/Flange*
(1) ¾" and (1) 1½" N.P.T. access holes for power and/or datacom applications; universal cover not required; includes carpet flange

Aluminum Fin. **S1SPFFAL**
Brass Fin. **S1SPFFBRS**
Black **S1SPFFBL**
Gray **S1SPFFGY**

Tile Furniture Feed Cover/Flange*
(1) ¾" and (1) 1½" N.P.T. access holes for power and/or datacom applications; universal cover not required; includes tile flange

Aluminum Fin. **S1SPFFTAL**
Brass Fin. **S1SPFFTBRS**
Black **S1SPFFTBL**
Gray **S1SPFFTGY**

Single Receptacle + Data
Opening for 20 or 30A Twist-Lock® receptacle (1.56" OD) and (2) keystone openings for Hubbell jacks or flush AV connectors

S1SPTL

Hubbell DataCom + Power
(1) 20A, 125V receptacle and 3 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SP3IM

Hubbell DataCom + Duplex
(1) duplex opening, (2) flush keystone openings and 1.5 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SPDU2IM

Hubbell DataCom + Style Line® Decorator
(1) Style Line decorator opening, (2) flush keystone openings and 1.5 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SPSL2IM

Hubbell DataCom
1 unit flush Hubbell iSTATION opening and 3 unit recessed Hubbell iSTATION opening for data, voice and AV applications

S1SP4IM

Active Multimedia + Power
Single 20A, 125V receptacle, (2) flush keystone openings, (1) rectangular Style Line® decorator opening to accommodate active multimedia modules or low voltage outlet frames

S1SPAMM20

Extron® or FSR + Power
(1) 20A, 125V receptacle, recessed opening for (3) single Extron® MAAP series adapter plates or FSR IPS plates

S1SPEXT1

Extron® or FSR + Power
(1) 20A, 125V receptacle, recessed opening for (1) single Extron MAAP and (2) single AAP series adapter plates or FSR IPS plates

S1SPEXT2

Extron® or FSR Single-Service
Recessed opening for (2) single Extron MAAP and (2) single AAP series adapter plates or FSR IPS plates

S1SPEXT3

Extron® AAP + Power
(1) 20A, 125V receptacle, (2) flush keystone and recessed openings for (2) single Extron AAP Series adapter plates

S1SPEXT4

---

*Furnished with two screw-in flexible metal conduit connectors. See Section F for complete offering of Hubbell jacks and frames.
See page R16 for FRPT Configuration Chart.*

Conduit Plugs
S1FP15BL, S1FP34BL

Sub-Plate Accessories

Replacement threaded conduit plugs				
	Color			
Description	Aluminum Finish	Brass Finish	Black	Gray
1½" plug	**S1FP15AL**	**S1FP15BRS**	**S1FP15BL**	**S1FP15GY**
¾" plug	**S1FP34AL**	**S1FP34BRS**	**S1FP34BL**	**S1FP34GY**

See V12 for color chart. Used with S1SPFFxx and S1SPFFTxx only. Sub-plate is supplied with plugs.

Blank Style Line® Decorator Frame	
Color	Catalog No.
Black	**2100BK**

Extron is a registered trademark of Extron Electronics.

ScrubShield
Complies with UL514 A & C

DELIVERY

Approved for use in the City of Chicago (Except S1PFB)

Sub-Plates			Floor Boxes*				4" Core Hole Fire-Rated Poke-Throughs		
			Non-Metallic	Metal					
			S1PFB	S1CFB	S1SFB	S1SFBAV	S1PTFIT	S1PT4X4FIT	S1PTAVFIT
S1SP	Style Line® Decorator/GFCI		③	③.⁵	③.⁵	③.⁵	✓+ (Single-Service)	✗	✓ (Multi-Service)
S1SPDU	Duplex/Duplex		③	③.⁵	③.⁵	③.⁵	✓+ (Single-Service)	✗	✓ (Multi-Service)
S1SPDUSL	Duplex/Style Line® Decorator		③	③.⁵	③.⁵	③.⁵	✓+ (Single-Service)	✗	✓ (Multi-Service)
S1SP4X4	Hubbell 4X4		④	④	④	④	✗	✓+	✗
S1SPTL	Twist-Lock® Receptacle + Data		④	④	④	④	✗	✓+	✗
S1SP3IM	Hubbell DataCom + Power		⑤	⑤	⑤	⑤	✓	✗	✓+
S1SP4IM	Hubbell DataCom		③.⁵	③.⁵	③.⁵	③.⁵	✓	✗	✓+
S1SPDU2IM	Hubbell DataCom + Duplex		⑤	⑤	⑤	⑤	✓	✗	✓+
S1SPSL2IM	Hubbell DataCom + Style Line® Decorator		⑤	⑤	⑤	⑤	✓	✗	✓+
S1SPFFxx (Carpet) **S1SPFFTxx** (Tile)	Furniture Feed Cover/Flange (Replace xx with **BRS** (Brass Finish), **AL** (Aluminum Finish), **BL** (Black) or **GY** (Gray)		③	③.⁵	③.⁵	③.⁵	✓	✗	✓+
S1SPEXT1	Extron® or FSR® MAAP + Power		④	④	④	④	✓	✗	✓+
S1SPEXT2	Extron® or FSR® AAP/MAAP + Power		④	④	④	④	✓	✗	✓+
S1SPEXT3	Extron or FSR® Datacom		④.⁵	④.⁵	④.⁵	④.⁵	✓	✗	✓+
S1SPEXT4	Extron or FSR® AAP + Flush Keystone + Power		④	④	④	④	✓	✗	✓+
S1SPAMM20	Active Multimedia + Flush Keystone + Power		⑤	⑤	⑤	⑤	✓	✗	✓+
S1CFCxx SystemOne Carpet Cover	Hubbell SystemOne Floor Boxes and FRPTs use SystemOne Universal Covers (Replace xx with		*Signifies minimum depth of concrete pour in inches for Hubbell SystemOne Floor Boxes.*				✓+ Recommended Floor Fitting	✓ Alternative Floor Fitting	✗ Not Compatible
S1TFCxx SystemOne Tile Cover	**BRS** (Brass Finish), **AL** (Aluminum Finish), **BL** (Black), **GY** (Gray) or **I** (Ivory)		*Extron® is a registered trademark of Extron Electronics. FSR® is a registered trademark of FSR, Inc.*						

Requires unique box shown below

1.50"
(38.0)

4.13"
(104.9)

3.65"
(92.6)
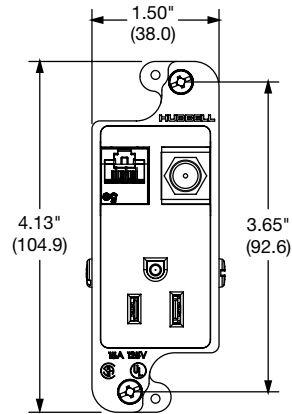
Patented
JLOAD provides low voltage and power in the same frame

1.29"
(32.8)

2.61"
(66.4)

Specifications

c ℗ us

- UL Listed tamper-resistant receptacle
- Unique mounting strap for use with RI600 box
- Minimum spacing for power and low voltage
- RoHS compliant
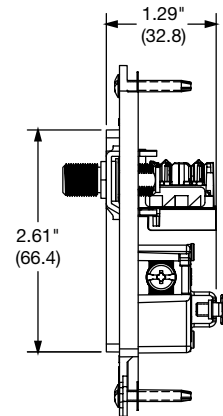
JLOAD Multimedia Outlet
RJ620WTR

JLOAD with Open Ports
RJ62WTR

JLOAD Multimedia Box
RJ600

JLOAD® Multimedia Outlet

Description	Color	15A 125V NEMA 5-15R UL/CSA	20A 125V NEMA 5-20R UL/CSA
JLOAD multimedia outlet, specifically designed to provide power, Cat 5e and coaxial in a single gang box; requires JLOAD multimedia box RJ600; perfect for HDTV and computer use where a combination of power and data are needed; includes decorator frame, (1) Cat 5e, (1) F-connector and (1) power receptacle 125V with voltage divider	Almond	**RJ650ALTR**	**RJ620ALTR**
	Black	**RJ650BKTR**	**RJ620BKTR**
	Gray	**RJ650GYTR**	**RJ620GYTR**
	Ivory	**RJ650ITR**	**RJ620ITR**
	Light Almond	**RJ650LATR**	**RJ620LATR**
	White	**RJ650WTR**	**RJ620WTR**
JLOAD multimedia outlet, includes decorator frame with two open ports for custom configuration and one power receptacle 125V with voltage divider	Almond	**RJ65ALTR**	**RJ62ALTR**
	Black	**RJ65BKTR**	**RJ62BKTR**
	Gray	**RJ65GYTR**	**RJ62GYTR**
	Ivory	**RJ65ITR**	**RJ62ITR**
	Light Almond	**RJ65LATR**	**RJ62LATR**
	White	**RJ65WTR**	**RJ62WTR**
JLOAD multimedia box, 3" deep with seven ½" knockouts, non-metallic sheathed cable clamps on each side; screw in mounting to stud	Steel	**RJ600**	**RJ600**

With Two Receptacles
HBLPP10AI

With One IG and
One Standard Receptacle
HBLPP10IGA

With One IG Surge and
Two IG Duplex Receptacles
HBLPP10SAI

Adjustable T-Bar Assembly
ATB
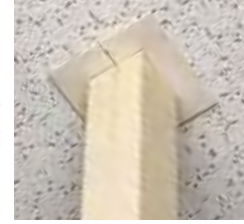
Replacement Trim Kit
PPTRIM1

Aluminum Service Poles

Aluminum service poles; gray or ivory painted and clear anodized aluminum; Style Line® duplex receptacles and two Style Line® knockouts for communications; includes ceiling trim mounting plate and scuff boot

Description	Height Feet (m)	Gray	Ivory	Clear Anodized Aluminum
Three service; two 20A 125V Style Line® duplex receptacles; one circuit	10' 2" (3.10)	**HBLPP10A**	**HBLPP10AI**	**HBLPP10AAL**
	12' 2" (3.71)	**HBLPP12A**	**HBLPP12AI**	**HBLPP12AAL**
	15' 2" (4.62)	**HBLPP15A**	**HBLPP15AI**	**HBLPP15AAL**
Three service; one orange isolated ground 20A 125V Style Line® duplex receptacle; one 20A 125V Style Line® duplex receptacle; two circuits	10' 2" (3.10)	**HBLPP10IGA**	**HBLPP10IGAI**	–
Three service; two orange isolated ground 20A 125V Style Line® duplex receptacles; one isolated ground surge suppression 20A 125V duplex receptacle; one circuit	10' 2" (3.10)	**HBLPP10SA**	**HBLPP10SAI**	–
Three service; blank pole; divider; four Style Line® device knockouts	10' 2" (3.10)	**HBLPPOA**	**HBLPPOAI**	**HBLPPOAAL**
	12' 2" (3.71)	**HBLPPO12A**	**HBLPPO12AI**	**HBLPPO12AAL**
	15' 2" (4.62)	**HBLPPO15A**	**HBLPPO15AI**	**HBLPPO15AAL**

Accessories

Adjustable T-bar assembly for mounting poles in middle of ceiling tile (requires PPTRIM1 trim kit)	**ATB**
Replacement service pole trim kit, Office White	**PPTRIM1**

Note: Style Line® communication outlets, modular jacks, and data connectors are sold separately. See sections B and F.

Specifications

Material: extruded aluminum; .05" thick (1.27mm)
Finish: gray, ivory or clear anodized aluminum
Conductors: 12AWG stranded copper
Receptacles: (see drawings below)
Listing: UL Listed

Wiring Capacity (at 40% fill)	Voice Data Channel*			Power Channel**
	Cat 5e	Cat 6	Cat 6A	
HBLPP10A, HBLPP12A, HBLPP15A, HBLPP10IGA	26	11	9	41
HBLPP10SA, HBLPP10SAI	8	6	3	41
HBLPPOA, HBLPPO12A, HBLPPO15A (with barrier)	26	11	9	41

*Pole wiring capacity (telephone fill): Cat 5 UTP (1.96ft²)
**#12 THHN stranded*

Custom Poles

Using the chart below, you are able to create a custom service pole.

Position Selections

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
S	P	1	0	0	2	1	1	B	B	B	X	X	X	C	I

Example: **SP100211BBBXXXCI**

10 feet 02 inches, (2) rectangular Style Line® knockouts for data, (3) HBL2162 duplex receptacles, (2) circuits (first two receptacles on Circuit #1, remaining receptacles on Circuit #2), Ivory

Worksheet

Position Selections

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
S	P														

Position 1 and 2: Height to the nearest foot	08–22'

Position 3 and 4: Height in inches up to 11"	00–11"

Position 5, 6, 7, 8, 9, 10, 11, 12: Starting at Position 5, select datacom knockouts/device frames followed by power receptacle/power knockout options. If the service pole is power only, select receptacle options starting at Position 5. Empty positions should be filled with an "X" to designate an empty field.

Note: If power receptacles are chosen, then power knockouts may not be chosen in the same service pole.

Data Selections
1 - Rectangular Style Line® knockout
2 - ½" N.P.T. knockout (0.875" diameter)
3 - ¾" N.P.T. knockout (1.109" diameter)
4 - 2-port Style Line data frame, 1-gang, 2-port voice/data frame
5 - 3-port Style Line data frame, 1-gang, 3-port voice/data frame

Power Selections
6 - Rectangular Style Line knockout (for blank poles only)
7 - ½" N.P.T. knockout (0.875" diameter, for blank poles only)
8 - ¾" N.P.T. knockout (1.109" diameter, for blank poles only)
A - 5362, 20A, 125V AC, duplex
B - HBL2162, 20A, 125V AC, Style Line duplex
C - IG5362, 20A, 125V AC, I.G. duplex
D - IG2162, 20A, 125V AC, I.G. Style Line duplex
G - HBL4700, 15A, 125V AC, Twist-Lock® duplex
H - IG4700, 15A, 125V AC, I.G. Twist-Lock duplex
 I - IG2310, 20A, 125V AC, I.G. Twist-Lock single
J - IG5361, 20A, 125V AC, I.G. single
K - HBL5361, 20A, 125V AC, single
L - HBL2310, 20A, 125V AC, Twist-Lock single
M - HBL2610, 30A, 125V AC, Twist-Lock single
N - HBL2320, 20A, 250V AC, Twist-Lock single
O - HBL2620, 30A, 250V AC, Twist-Lock single
Q - IG4710, 15A, 125V AC, I.G. Twist-Lock single
R - HBL4710, 15A, 125V AC, Twist-Lock single
S - HBL5662, 15A, 250V AC, duplex
T - IG5662, 15A, 250V AC, I.G. duplex
U - HBL5661, 15A, 250V AC, single
V - IG5661, 15A, 250V AC, I.G. single
W - HBL5462, 20A, 250V AC, duplex

TOP

Device Positions

- ⑫ 4.75"
- ⑪ 4.75"
- ⑩ 4.75"
- ⑨ 4.75"
- ⑧ 4.75"
- ⑦ 4.75"
- ⑥ 4.75"
- ⑤

8.38"

FLOOR
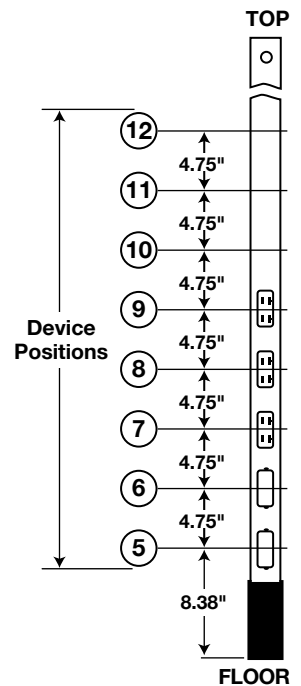
Position 13: Power Circuits	Z - No circuits (should only be selected when the service poles has ONLY data and/or power knockouts) A - All devices on a single circuit B - 2 circuits, first receptacle on Circuit #1, remaining receptacles on Circuit #2 C - 2 circuits, first 2 receptacles on Circuit #1, remaining receptacles on Circuit #2 D - 2 circuits, first 3 receptacles on Circuit #1, remaining receptacles on Circuit #2 E - 2 circuits, first 4 receptacles on Circuit #1, remaining receptacles on Circuit #2 F - 2 circuits, first 5 receptacles on Circuit #1, remaining receptacles on Circuit #2 G - 2 circuits, first 6 receptacles on Circuit #1, remaining receptacles on Circuit #2 H - 2 circuits, first 7 receptacles on Circuit #1, remaining receptacles on Circuit #2

Position 14: Color	I - Ivory G - Gray W - White K - Black A - Aluminum with clear anodized finish

DELIVERY | Raceway

Hubbell Raceway systems have been designed to address today's data intensive applications and multimedia installations. Features include easy configurability, compliant bend radius corners and fittings, deep boxes for use with audio/video, fiber and category rated cabling and connections.

HUBBELL® Premise Wiring   www.hubbell-premise.com

DELIVERY | Raceway

Non-Metallic Raceway

- Sizes range from single channel PREMISETRAK® to three channel Super BASETRAK® for all types of surface raceway requirements.

- Single and two channel latching raceways are dual-rated for both power and data applications, reducing inventory requirements.

- Boxes have three cut-aways that can be utilized with WALLTRAK®, LANTRAK® and PREMISETRAK® (latching) systems.

- Full capacity in-line boxes eliminate the need to de-rate the wire fill capacity due to the intrusion of devices into the raceway channel.

- All components are Office White.

PT1
.29" (2)
.68" (17)
.75" (19)
Page S4

PP1
.38" (2)
.77" (20)
.84" (21)
Page S4

PL1
1.03" (7)
1.04" (26)
1.38" (35)
Page S5

PW1
.30" (2)
.50" (13)
1.19" (30)
Page S6

PW2
.81" (5)
.79" (5)
1.04" (26)
2.12" (54)
Page S6

PB2*
2.86" (18)
2.86" (18)
1.63" (41)
4.50" (114)
Page S7

PB3
1.80" (12)
1.97" (13)
1.80" (12)
1.63" (41)
4.50" (114)
Page S7

PS3*
3.41" (22)
3.76" (24)
3.41" (22)
1.97" (50)
6.70" (170)
Page S8
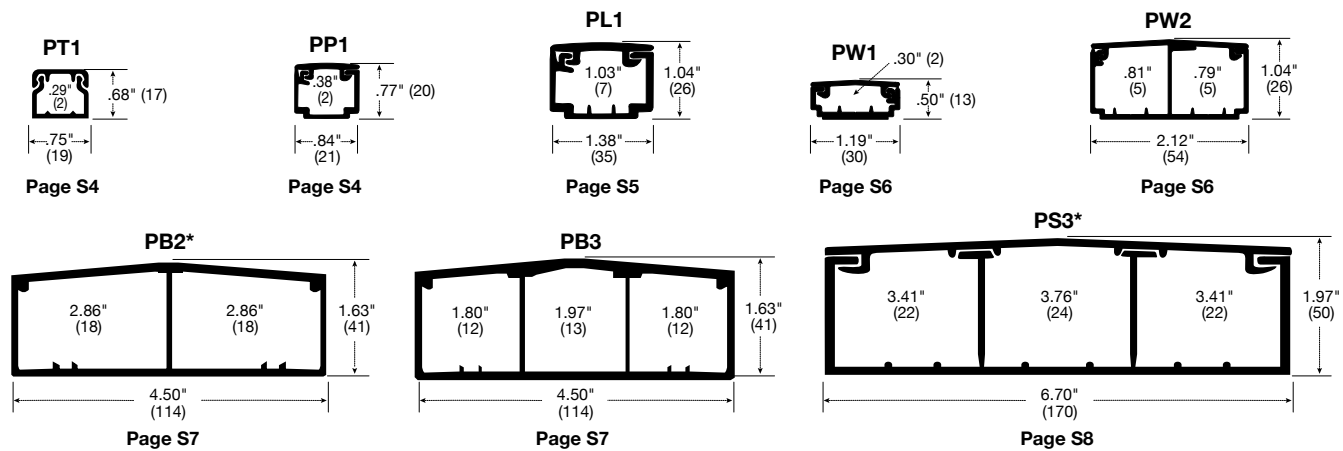
Available pre-wired
Dimensions in inches (mm)

Also Available in Aluminum and Steel

Aluminum Raceway

- Satin anodized finish
- External, internal, flat and tee fittings available to accommodate all types of applications
- Split covers allow access to one service at a time
- Low profile bezel cover accommodates Hubbell iSTATION modules

Steel Raceway

- Hubbell HANDI-SCREW® eliminates long screws for easier installation
- Accepts all Category 5e, 6 and 6A rated cabling
- Ivory and Gray color options available for architects and interior designers
- Ideal for high speed data cabling applications, such as Category 6A and fiber
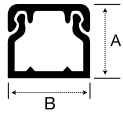
A: .68" (17)
B: .75" (19)
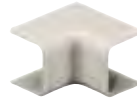
Internal Elbow
PT1IE

External Elbow
PT1EE

Standard 1-Gang Box
PT12SBA

PT1 Non-Latching Raceway

Office White

Description		Catalog No.	Description		Catalog No.
Base and cover, 5ft	Without adhesive	**PT1BC5**	Splice cover	Cover only	**PT1SC**
	With adhesive	**PT1ABC5**	End cap	Cover only	**PT1EC**
Base and cover, 7ft	Without adhesive	**PT1BC7**	Low-profile box*	1-gang	**PT12LPB**
	With adhesive	**PT1ABC7**	Standard box*	1-gang	**PT12SBA**
Internal elbow	Cover only	**PT1IE**	Deep box*	1-gang	**PT12DBA**
External elbow	Cover only	**PT1EE**		2-gang	**PT12TGB**
Flat elbow	Cover only	**PT1FE**	Round lighting fixture box*		**PT12LFB**
Tee	Cover only	**PT1TC**			
Conduit adapter/ ceiling fitting	Base and cover	**PT12CA**			
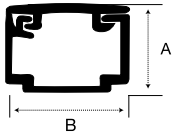
A: 0.77" (20)
B: 0.84" (21)

Internal Elbow
PP1IEBC

External Elbow
PP1EEBC

Lighting Fixture Box
PDB12LF

PP1 Latching Raceway

Office White

Description		Catalog No.	Description		Catalog No.
Base and cover, 5ft	Without adhesive	**PP1BC5**	Conduit adapter/ ceiling fitting	Base and cover	**PLP1CACF**
	With adhesive	**PP1ABC5**			
Base and cover, 7ft	Without adhesive	**PP1BC7**	Splice cover	Cover only	**PP1SC**
	With adhesive	**PP1ABC7**	End cap		**PP1EC**
Internal elbow	Base and cover	**PP1IEBC**	Safety strap		**PP1SS**
	Cover only	**PP1IE**	Low-profile box*	1-gang	**PDB12LP**
External elbow	Base and cover	**PP1EEBC**	Standard box*	1-gang	**PDB12S**
	Cover only	**PP1EE**	Deep box*	1-gang	**PDB12D**
Flat elbow	Base and cover	**PP1FEBC**	Deep box, undivided*	2-gang	**PDB12TGLV**
	Cover only	**PP1FE**	Deep box, divided*	2-gang	**PDB12TGD**
Tee	Base and cover	**PP1TCBC**	Round lighting fixture box*		**PDB12LF**
	Cover only	**PP1TC**			

*See page S12 for recommended plate to box compatibility.
Dimensions in inches (mm)
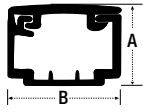
A: 1.04" (26)
B: 1.38" (35)

Internal Elbow
PL1IEBC

External Elbow
PL1EEBC

Divided Deep Box
PDB12TGD

PL1 Latching Raceway

Office White

Description		Catalog No.	Description		Catalog No.
Base and cover, 5ft	Without adhesive	**PL1BC5**	Conduit adapter/ ceiling fitting	Base and cover	**PLP1CACF**
	With adhesive	**PL1ABC5**			
Base and cover, 7ft	Without adhesive	**PL1BC7**	Splice cover	Cover only	**PL1SC**
	With adhesive	**PL1ABC7**	End cap		**PL1EC**
Internal elbow	Base and cover	**PL1IEBC**	Safety strap		**PL1SS**
	Cover only	**PL1IE**	Low-profile box*	1-gang	**PDB12LP**
External elbow	Base and cover	**PL1EEBC**	Standard box*	1-gang	**PDB12S**
	Cover only	**PL1EE**	Deep box*	1-gang	**PDB12D**
Flat elbow	Base and cover	**PL1FEBC**	Deep box, undivided*	2-gang	**PDB12TGLV**
	Cover only	**PL1FE**	Deep box, divided*	2-gang	**PDB12TGD**
Tee	Base and cover	**PL1TCBC**	Round lighting fixture box*		**PDB12LF**
	Cover only	**PL1TC**			

Hubbell non-metallic latching raceway features a PVC co-extrusion hinged cover design that holds wiring in place during installation not requiring the use of extra wiring clips. The locking cover also prevents the wires from being pinched when the raceway is closed. The neutral Office White color of the raceway will blend in virtually with any of today's decor.

Features

- Easy to cut and handle
- PVC non-metallic construction
- Boxes, fittings, plates, frames and jacks
- Adhesive back available
- PW1 Series
- PW2 Series

Benefits

- Saves installation labor costs
- Resists scratching and denting
- Create a complete Hubbell system
- Easy installation where code allows
- Low profile single channel design
- Accommodates both power and voice/data

See page S12 for recommended plate to box compatibility.
Dimensions in inches (mm)
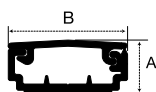
A: .50" (13)
B: 1.19" (30)

Internal Elbow
PW1IE

External Elbow
PW1EE

Low-Profile Box
PW1LPB

PW1 Low-Profile, Latching Raceway

Office White

Description		Catalog No.	Description		Catalog No.
Base and cover, 5ft	Without adhesive	**PW1BC5**	Conduit adapter/ceiling fitting	Base and cover	**PW1CA**
	With adhesive	**PW1ABC5**			
Base and cover, 7ft	Without adhesive	**PW1BC7**	End cap		**PW1EC**
	With adhesive	**PW1ABC7**	Low-profile box*	1-gang	**PW1LPB**
Internal elbow	Cover only	**PW1IE**	Standard box*	1-gang	**PW1SBA**
External elbow	Cover only	**PW1EE**	Deep box*	1-gang	**PW1DBA**
Flat elbow	Cover only	**PW1FE**		2-gang	**PW1TGB**
Tee	Cover only	**PW1TC**	Round lighting fixture box*		**PW1LFB**
Splice cover	Cover only	**PW1SC**			
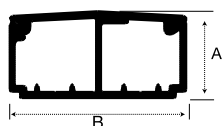
A: 1.04" (26)
B: 2.12" (54)

Internal Elbow
PW2IEBC

External Elbow
PW2EEBC

Deep Box, Undivided
PDB12TGD

PW2 Latching Raceway

Office White

Description		Catalog No.	Description		Catalog No.
Base and cover, 5ft	Without adhesive	**PW2BC5**	Conduit adapter/ceiling fitting	Base and cover	**PW2CACF**
	With adhesive	**PW2ABC5**			
Base and cover, 7ft	Without adhesive	**PW2BC7**	Reducer, from PW2 to PP1	Base and cover	**PW2RED**
	With adhesive	**PW2ABC7**	End cap		**PW2EC**
Internal elbow	Base and cover	**PW2IEBC**	Safety strap		**PW2SS**
	Cover only	**PW2IE**	Low-profile box*	1-gang	**PDB12LP***
External elbow	Base and cover	**PW2EEBC**	Standard box*	1-gang	**PDB12S****
	Cover only	**PW2EE**	Deep box*	1-gang	**PDB12D****
Flat elbow	Base and cover	**PW2FEBC**	Deep box, undivided*	2-gang	**PDB12TGLV**
	Cover only	**PW2FE**	Deep box, divided*	2-gang	**PDB12TGD****
Tee	Base and cover	**PW2TCBC**	Divider	1-gang	**PDB1DIV**
	Cover only	**PW2TC**		2-gang	**PDB2DIV**
Splice cover	Cover only	**PW2SC**	Round lighting fixture box*		**PW1LFB**

*See page S12 for recommended plate to box compatibility.
**Order divider separately for 1- or 2-gang box.
Dimensions in inches (mm)

DELIVERY | RACEWAY

A: 1.42" (36)
B: 4.50" (114)
C: 2.22" (56)

External Elbow
PL1EEBC

Divided Deep Box
PDB12TGD
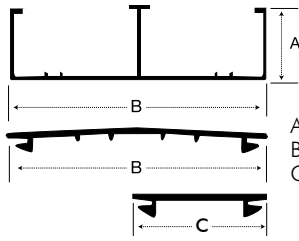
PB2 Non-Latching Raceway

AVAILABLE PRE-WIRED, Office White

Description		Catalog No.	Description		Catalog No.
5ft	Base	**PB2B5**	Conduit adapter/ceiling fitting	Base and cover	**PB2CACF**
	Dual channel cover	**PB2C5**			
	Single channel cover	**PB2SPL5**	Transition fitting, from PB2 to PW2, PL1 or PP1	Base and cover	**PB3TRBC**
10ft	Base	**PB2B10**			
	Dual channel cover	**PB2C10**	Surface panel connector	Cover only	**PB3SPCA**
	Single channel cover	**PB2SPL10**	Splice cover	Cover only	**PB3SC**
Internal elbow	Base and cover	**PB3IEBCA**	End cap		**PB3ECA**
External elbow	Base and cover	**PB3EEBCA**	Safety strap		**PB3SS**
Flat elbow	Base and cover	**PB3FEBCA**	Inline box*	2-gang	**PDB12LP**
Tee	Base and cover	**PB3TCBCA**	Wire Clip		**PB2WC**
Reducer, from PB2 to PW2	Base and cover	**PB3REDA**			
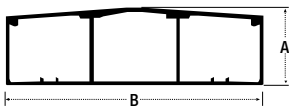
A: 1.63" (41)
B: 4.50" (114)

Internal Elbow
PB3IEBCA

Full Capacity Box
PB3FCIB3G

PB3 Non-Latching Raceway

AVAILABLE PRE-WIRED, Office White

Description		Catalog No.	Description		Catalog No.
5ft	Base and cover	**PB3BC5**	Transition fitting, from PB3 to PW2, PL1 or PP1	Base and cover	**PB3TRBC**
10ft	Base and cover	**PB3BC10**			
Internal elbow	Base and cover	**PB3IEBCA**	Transition fitting, from BT3 old style to PB3 new style	Cover only	**BTPB3TF**
	Cover only	**PB3IE**			
External elbow	Base and cover	**PB3EEBCA**	Inline box*	1-gang	**PB3IND**
	Cover only	**PB3EE**		2-gang	**PB3IND2G**
Flat elbow	Base and cover	**PB3FEBCA**	Surface panel connector		**PB3SPCA**
	Cover only	**PB3FE**	Full capacity box*	1-gang	**PB3FCIB**
Tee	Base and cover	**PB3TCBCA**		2-gang	**PB3FCIB2G**
Reducer, from PS3 to PB3	Base and cover	**PB3REDA**		3-gang	**PB3FCIB3G**
Splice cover	Cover only	**PB3SC**	Wire Clip		**PB3WC**
End cap		**PB3ECA**	Safety strap		**PB3SS**
Conduit adapter/ceiling fitting	Base and cover	**PB3CACF**			

See page S12 for recommended plate to box compatibility.
Dimensions in inches (mm)
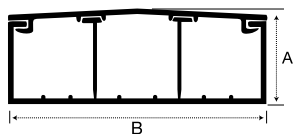
A: 1.97" (50)
B: 6.70" (170)

External Elbow
PS3EEBC

Flat Elbow
PS3FEBC

Inline Box
PS3IND

PS3 Non-Latching Raceway

AVAILABLE PRE-WIRED, Office White

Description		Catalog No.	Description		Catalog No.
5ft	Base and cover	**PS3BC5**	Reducer, from PS3 to PB3	Base and cover	**PS3RED**
10ft	Base and cover	**PS3BC10**	Surface panel connector		**PS3SPC**
Internal elbow	Base and cover	**PS3IEBC**	Splice cover	Cover only	**PS3SC**
	Cover only	**PS3IE**	Inline box*	3-gang	**PS3IND**
External elbow	Base and cover	**PS3EEBC**	End cap		**PB3ECA**
	Cover only	**PS3EE**	Wire Clip		**PS3WC**
Flat elbow	Base and cover	**PS3FEBC**	Safety strap		**PS3SS**
	Cover only	**PS3FE**	Full capacity box*	1-gang	**PS3FCIB**
Tee	Base and cover	**PS3TCBC**		2-gang	**PS3FCIB2G**
Conduit adapter/ ceiling fitting	Base and cover	**PS3CACF**		3-gang	**PS3FCIB3G**

Pre-Wired Raceway

Hubbell pre-wired raceway systems provide you with the benefit of keeping your fast track projects on schedule and help complete the job on time. Save up to 45% of the installation time needed for field installing component raceway parts with pre-wired raceway solutions.

Available in:

• Non-metallic (Office White)

• Steel (Ivory and Gray)

• Aluminum

Hubbell pre-wired raceway is pre-wired with "power" wiring and devices. Once installed on the job, the pre-wired power raceway system can easily be cabled with voice, data and audio/video services by a qualified and certified cabling installer. For more information, please contact Sales at 1-800-626-0005.

*See page S12 for recommended plate to box compatibility.
Dimensions in inches (mm)

DELIVERY | RACEWAY

KP Plates

iSTATION Frames

Keystone IFP Plates

Communication Outlet Frames

1-Gang KP Plates

Office White

Duplex	Decorator	Single Receptacle (1.41" ID)	Single Receptacle (1.60" ID)	Toggle	Blank	Coax (2)	Jack/Coax	Jacks (2)	Jacks (3)	KP Module Bezel**
KP8	**KP26**	**KP7**	**KP720**	**KP1**	**KP14**	**KP212**	**KP2140**	**KP2162**	**KP2163**	**KPIMBZOW**

**Accepts all Hubbell iSTATION modules located in section F.

2-Gang KP Plates (For use with PT12TGB and PW1TGB only)

Office White

Duplex	Decorator		Toggle	Blank
KP82	**KP262**		**KP2**	**KP24**

Hubbell iSTATION Frames

Office White

1-Gang	2-Gang
IMF1OW	**IMF2OW**

Note: Front loading plate will accept any modules in three unit combinations. Angled fixtures to be used in bottom opening only. See section C for complete Hubbell iSTATION module offering.

Keystone IFP Plates

Office White

1-Gang				2-Gang		
2-Port	3-Port	4-Port	6-Port	6-Port	9-Port	12-Port
IFP12OW	**IFP13OW**	**IFP14OW**	**IFP16OW**	**IFP26OW**	**IFP29OW**	**IFP212OW**

Communication Outlet Frames

Office White

Decorator Keystone					Duplex Keystone		
Decorator	2-Port	3-Port	4-Port	6-Port	Duplex	2-Port	4-Port
IFP126OW	**ISF2OW**	**ISF3OW**	**ISF4OW**	**ISF6OW**	**IFP18OW**	**BR106C**	**Q106O**

Non-Metallic Raceway Wire Fill Capacities

Series	Channel	Channel Area (sq. in.)	Power (THHN/T90 Nylon) 14 AWG	12 AWG	10 AWG	Voice 4-Pair	25-Pair	Data (Copper Cables) Type RG59U	Cat. 5e	Cat. 6	Cat. 6A	Cat. 6 STP	Data (Multimode Fiber Optic Cables) (2) or (4) Fiber Round Cable	Fiber Optic Jumpers	Fiber Optic Zip Cord
		Wire O.D. (in.):	0.111	0.13	0.164	0.19	0.41	0.242	0.21	0.25	0.35	0.29	0.19	0.118	.12 x .24
		Wire Area (sq. in.):	0.0097	0.0133	0.0211	0.0283	0.1320	0.0460	0.0346	0.0491	0.0962	0.0660	0.0283	0.0109	0.0288
		Wire Fill Capacity				40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
PT1	A	0.29	5	8	5	4	1	3	3	2	1	2	4	11	4
PP1	A	0.38	12	11	8	5	1	3	4	3	2	2	5	14	5
PL1	A	1.03	42	34	22	15	3	9	12	8	4	6	15	38	14
PW1	A	0.30	6	10	4	4	0	2	3	2	1	2	4	11	4
PW2	A+B	1.60	41	36	22	23	5	14	18	13	7	10	23	59	22
A B — A	A	0.81	12	22	12	11	2	7	9	7	3	5	11	30	11
B	B	0.79	12	22	10	11	2	7	9	6	3	5	11	29	11
PB2	A+B	5.72	60	36	45	81	17	50	66	47	24	35	81	210	79
A B	A or B	2.86	42	30	28	40	9	25	33	23	12	17	40	105	40
PB3	A+B+C	5.57	60	36	45	79	17	48	64	45	23	34	79	204	77
A B C	A or C	1.80	42	30	28	25	5	16	21	15	7	11	25	66	25
B	B	1.97	42	30	28	28	6	17	23	16	8	12	28	72	27
PS3	A+B+C	10.58	72	66	78	150	32	92	122	86	44	64	150	388	147
A B C	A or C	3.41	42	36	42	48	10	30	39	28	14	21	48	125	47
B	B	3.76	42	36	42	53	11	33	43	31	16	23	53	138	52

Note: Pathway (raceway) fill shall be 40% maximum. Raceway fittings and outlets/receptacles reduce the cross section of the raceway system, thus reducing overall cable fill capacity.

Recommended Plate to Box Compatibility Selection Chart (✓ Indicates "Works With")

Non-Metallic Raceway Box Series Plate Style	Sample Catalog Number	PS3-Series -IND	-FCIB	-FCIB2G	-FCIB3G	PB3-Series -IND	-IND2G	-FCIB	-FCIB2G	-FCIB3G	PB2-Series -IND2G	PDB12-Series -LP, -S, -D	-TGD	-TGLV	PT12- and PW1-Series -LP(B), -S(BA), -D(BA)	-TGB
1-Gang KP Series Plate	KP8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
1-Gang KP Series Bezel	KP1MBZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
1-Gang Standard Data Plate	IFP120W		✓	✓	✓	✓		✓	✓	✓		✓			✓	
1-Gang iSTATION Plate Frame	IMF10W		✓	✓	✓	✓		✓	✓	✓		✓			✓	
Style Line® Data Plate	IFP126OW		✓	✓	✓	✓		✓	✓	✓		✓			✓	
Duplex Data Plate	IFP180W		✓	✓	✓	✓		✓	✓	✓		✓			✓	
2-Gang iSTATION Plate Frame	IMF20W													✓		✓
2-Gang Standard Data Plate	IFP290W													✓		✓
2-Gang KP Series Plate	KP82															✓

Note: Hubbell Office White plates and devices color match all non-metallic raceway systems.

Physical Properties

When tested in accordance with UL 5A	
Impact resistance	5ft lb
Crush resistance	300lb
Temperature range	-25.6° to 158° F
Flame rating	UL94V-0
Material	UV Stabilized PVC

Codes/Standards

EIA/TIA	569A
UL Standard	UL 5A
Listings	E118895, E119190
CSA Standard	C22.2 no. 62
Certified	LR87514

DELIVERY | RACEWAY

Raceway

Raceway style	PREMISETRAK®		LANTRAK®	WALLTRAK®		BASETRAK®		SUPER BASETRAK®
	Non-Latching	Latching	Latching	Latching	Latching	2-Piece	2-Piece	2-Piece
Profile dimensions	.75" x .68"	.84" x .77"	1.38" x 1.04"	1.19" x .5"	2.12" x 1.04"	4.5" x 1.63"	4.5" x 1.63"	6.7" x 1.97"
Number of channels	1	1	1	1	2	2	3	3
5' base and cover	PT1BC5	PP1BC5	PL1BC5	PW1BC5	PW2BC5			
5' base and cover, adhesive	PT1ABC5	PP1ABC5	PL1ABC5	PW1ABC5	PW2ABC5			
7' base and cover	PT1BC7	PP1BC7	PL1BC7	PW1BC7	PW2BC7			
7' base and cover, adhesive	PT1ABC7	PP1ABC7	PL1ABC7	PW1ABC7	PW2ABC7			
5' base only						PB2B5		
10' base only						PB2B10		
5' one-piece cover						PB2C5		
10' one-piece cover						PB2C10		
5' split cover						PB2SPL5		
10' split cover						PB2SPL10		
5' base and cover							PB3BC5	PS3BC5
10' base and cover							PB3BC10	PS3BC10

Fittings

	PREMISETRAK®		LANTRAK®	WALLTRAK®		BASETRAK®		SUPER BASETRAK®
Flat elbow cover	PT1FE	PP1FE	PL1FE	PW1FE	PW2FE		PB3FE	PS3FE
Flat elbow*		PP1FEBC	PL1FEBC		PW2FEBC	PB3FEBCA	PB3FEBCA	PS3FEBC
Internal elbow cover	PT1IE	PP1IE	PL1IE	PW1IE	PW2IE		PB3IE	PS3IE
Internal elbow*		PP1IEBC	PL1IEBC		PW2IEBC	PB3IEBCA	PB3IEBCA	PS3IEBC
External elbow cover	PT1EE	PP1EE	PL1EE	PW1EE	PW2EE		PB3EE	PS3EE
External elbow*		PP1EEBC	PL1EEBC		PW2EEBC	PB3EEBCA	PB3EEBCA	PS3EEBC
Tee cover	PT1TC	PP1TC	PL1TC	PW1TC	PW2TC			
Tee cover*	PT1SC	PP1TCBC	PL1TCBC		PW2TCBC	PB3TCBCA	PB3TCBCA	PS3TCBC
Splice cover		PP1SC	PL1SC	PW1SC	PW2SC	PB3SC	PB3SC	PS3SC
Security strap, 2-hole		PP1SS	PL1SS		PW2SS	PB3SS	PB3SS	PS3SS
End cap	PT1EC	PP1EC	PL1EC	PW1EC	PW2EC	PB3ECA	PB3ECA	PS3EC
Conduit adapter/ ceiling fitting	PT12CA	PLP1CACF	PLP1CACF	PW1CA	PW2CACF	PB2CACF	PB3CACF	PS3CACF
Wire clips						PB2WC	PB3WC	PS3WC
Surface panel connector						PB3SPCA	PB3SPCA	PS3SPC
Transition fitting, PB3 to PW2, PL1 or PP1						PB3TRBC	PB3TRBC	
Reducers					PW2RED	PB3REDA	PB3REDA	PS3RED
Transition fitting, BT3 to PB3							BTPB3TF	

*Indicates 1¼" bend radius base and cover fitting.

Physical Properties

When tested in accordance with UL 5A	
Impact resistance	5ft lb
Crush resistance	300lb
Temperature range	-25.6° to 158° F
Flame rating	UL94V-0
Material	UV Stabilized PVC

Codes/Standards

EIA/TIA	569A
UL Standard	UL 5A
Listings	E118895, E119190
CSA Standard	C22.2 no. 62
Certified	LR87514

HUBBELL DELIVERY

DELIVERY | RACEWAY

Fittings

	PREMISETRAK®		LANTRAK®	WALLTRAK®		BASETRAK®		SUPER BASETRAK®
Low-profile 1-gang	PT12LPB	PDB12LP	PDB12LP	PW1LPB	PDB12LP			
Standard profile 1-gang	PT12SBA	PDB12S	PDB12S	PW1SBA	PDB12S			
Deep profile 1-gang	PT12DBA	PDB12D	PDB12D	PW1DBA	PDB12D			
Divided 2-gang (multi-service capable)		PDB12TGD	PDB12TGD		PDB12TGD			
Communications only 2-gang		PDB12TGLV	PDB12TGLV	PDB12TGLV				
2-gang	PT12TGB			PW1TGB				
Round lighting fixture box	PT12LFB	PDB12LF	PDB12LF	PW1LFB	PDB12LF			
Multi-service pass-thru divider tunnel 1-gang					PDB1DIV			
Multi-service pass-thru divider tunnel 2-gang					PDB2DIV			
ISB surface housings		ISB 1, 2, 4, 6, 12	ISB 4, 6, 12		ISB 4, 6, 12			
AMO multimedia housing			AMO		AMO			
Inline 1-gang							PB3IND	
Inline 2-gang (multi-service capable)						PB2IND2G	PB3IND2G	
Inline 3-gang (multi-service capable)								PS3IND
Full capacity raise inline 1-gang							PB3FCIB	PS3FCIB
Full capacity raise inline 2-gang							PB3FCIB2G	PS3FCIB2G
Full capacity raise inline 3-gang (multi-service capable)							PB3FCIB3G	PS3FCIB3G
Hubbell iSTATION module bezel	KPIMBZOW	KPIMBZOW	KPIMBZOW	KPIMBZOW	KPIMBZOW	KPIMBZOW	KPIMBZOW	KPIMBZOW

Recommended Plate to Box Compatibility Selection Chart (✓ Indicates "Works With")

Plate Style (Non-Metallic Raceway Box Series)	Sample Catalog Number	PS3-Series -IND	PS3-Series -FCIB	PS3-Series -FCIB2G	PS3-Series -FCIB3G	PB3-Series -IND	PB3-Series -IND2G	PB3-Series -FCIB	PB3-Series -FCIB2G	PB3-Series -FCIB3G	PB2-Series -IND2G	PDB12-Series -LP, -S, -D	PDB12-Series -TGD	PDB12-Series -TGLV	PT12- and PW1-Series -LP(B), -S(BA), -D(BA)	PT12- and PW1-Series -TGB
1-Gang KP Series Plate	KP8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
1-Gang KP Series Bezel	KPIMBZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
1-Gang Standard Data Plate	IFP12OW		✓	✓	✓	✓		✓	✓	✓		✓			✓	
1-Gang iSTATION Plate Frame	IMF1OW		✓	✓	✓	✓		✓	✓	✓		✓			✓	
Style Line® Data Plate	IFP126OW		✓	✓	✓	✓		✓	✓	✓		✓			✓	
Duplex Data Plate	IFP18OW		✓	✓	✓	✓		✓	✓	✓		✓			✓	
2-Gang iSTATION Plate Frame	IMF2OW													✓		✓
2-Gang Standard Data Plate	IFP29OW													✓		✓
2-Gang KP Series Plate	KP82															✓

Note: Hubbell Office White plates and devices color match all non-metallic raceway systems.

HI-Impact | Harsh Environment Systems

Hubbell's HI-Impact systems are more than just connections. They are complete end-to-end communications solutions designed to solve problems in the most punishing environments.
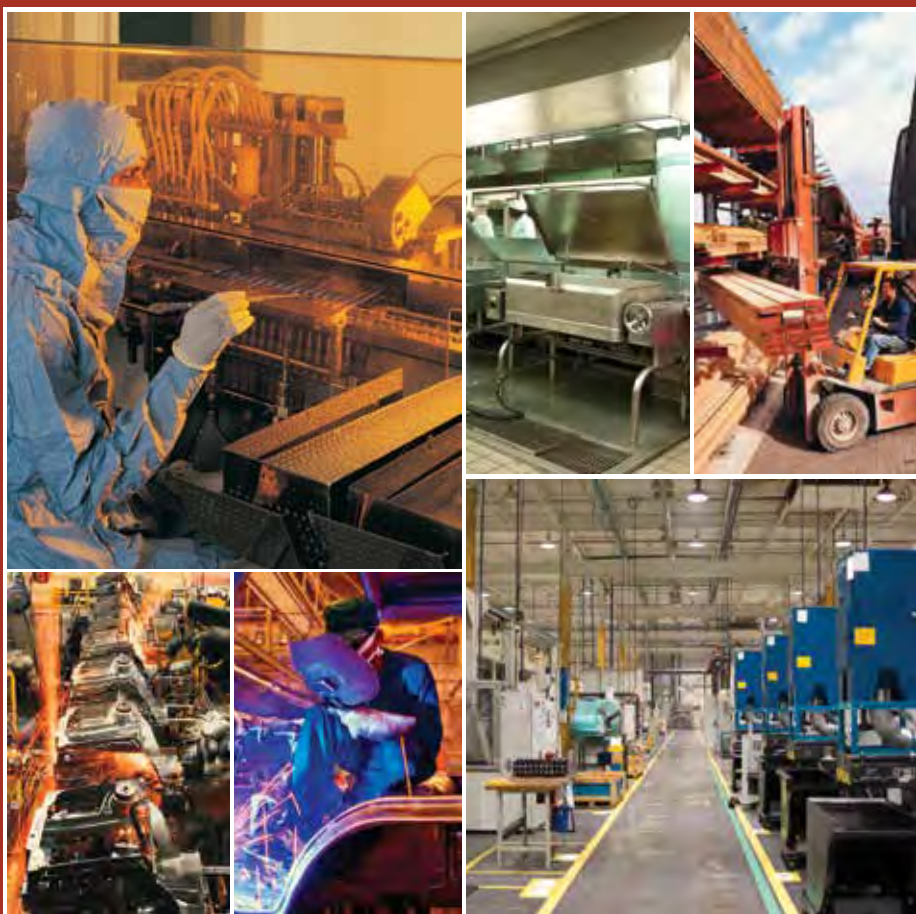
HI-Impact | Systems

Performance

All connectors are verified to the latest standard for Category rated performance (6 and 5e)

Durability

Rugged construction for the most punishing environments

Interface

User-friendly quick connect positive indication when fully engaged

Specifications

c (UL) us

- Vibration: frequency range: 10-500Hz
- Acceleration: 5g (operational)
- Mating cycles: 750 minimum
- HI-Impact housing: Thermoplastic, UL 94V-0

Standards

- TIA-568-C.2 Category 6 and 5e component
- IEEE 802.3AT PoE+ (DTE Power)
- Ingress protection: IP67 (dust/water)

0.425
2X .212
2X .425
0.850
Ø 1.090
R .030 TYP.
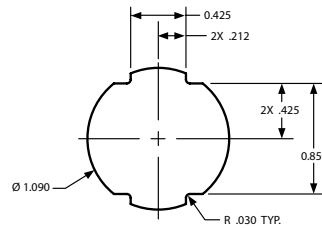
Installation

Standard ¾" conduit knockout simplifies installation

| Cat 6 Connector HI6 | Cat 5e Connector HI5E | In-line Coupler, Cat 5e HI5EC | Protective Cap HIC |

HI-Impact Copper Panel Mount Connectors

Includes (1) housing, (1) jack, (1) flat bulkhead gasket, and (1) retaining nut

Description	Catalog No.
HI-Impact Category 6 connector (UTP)	**HI6**
HI-Impact Category 5e connector	**HI5E**
HI-Impact In-line coupler, Category 6	**HI6C**
HI-Impact In-line coupler, Category 5e	**HI5EC**
Protective cap	**HIC**

Adaptability

The coupler housing is a perfect solution for temporary and flexible work areas where single port drops are needed.

Durability

HI-Impact shell provides the ultimate protection harsh environments demand.

Performance

100% performance tested to the current standard for Category rated performance

Specifications

• HI-Impact housing temperature range: -25°C to 70°C
• HI-Impact housing: Thermoplastic, UL 94V-0

c UL us

Standards

• TIA-568-C.2 Category 6 and 5e component
• IEEE 802.3AT PoE+ (DTE Power)
• Ingress protection: IP67 (dust/water)

Flexibility

Available in a variety of lengths and styles to accommodate the range of applications and combinations requested

HI-Impact Patch Cord Assembly Chart

AE	
EE	
AA	

Plug Connector, Bulk Patch Cable
HI6P, HIPC6100

Coupler Housing
HICH

HI-Impact Patch Cords

Description	2 feet	3 feet	5 feet	7 feet	10 feet	15 feet	20 feet
HI-Impact Cat 6 RJ45 to standard RJ45	HI602AE	HI603AE	HI605AE	HI607AE	HI610AE	HI615AE	HI620AE
HI-Impact Cat 6 RJ45 on both ends	HI602EE	HI603EE	HI605EE	HI607EE	HI610EE	HI615EE	HI620EE
Standard Cat 6 RJ45 on both ends	HI602AA	HI603AA	HI605AA	HI607AA	HI610AA	HI615AA	HI620AA
	25 feet	30 feet	35 feet	40 feet	45 feet	50 feet	
HI-Impact Cat 6 RJ45 to standard RJ45	HI625AE	HI630AE	HI635AE	HI640AE	HI645AE	HI650AE	
HI-Impact Cat 6 RJ45 on both ends	HI625EE	HI630EE	HI635EE	HI640EE	HI645EE	HI650EE	
Standard Cat 6 RJ45 on both ends	HI625AA	HI630AA	HI635AA	HI640AA	HI645AA	HI650AA	

Description	Catalog No.
HI-Impact Cat 6 plug connector, UTP	HI6P
HI-Impact Cat 6 plug, RJ45 UTP stranded, 25-pk	HIP625
HI-Impact RJ45 plug boot, Black, 25-pk	HICB25BK
HI-Impact Cat 6 bulk patch cable, 100ft	HIPC6100
HI-Impact coupler housing, connectors not included	HICH

HUBBELL

HI-IMPACT | HARSH ENVIRONMENT SYSTEMS

Stainless Steel Plate Specifications

- Thickness: .04" (.9) nominal
- Material: smooth metal 302/304; super stainless steel 17-19%; chrome, 8% nickel
- Gasket material: UL closed-cell foam

Thermoplastic Plate Specifications

- Flammability: UL 94-V0, 94-5VA classification
- Material: Thermoplastic
- Gasket material: UL closed-cell foam

Device Box
HIFD2L

Non-Metallic Conduit
G1050

Non-Metallic Fittings
P050NGYA, PS0509NGYA

Stainless Steel Plates

Port Size	Gangs	Catalog No.
1	1	**HISF11**
2	1	**HISF12**
	2	**HISF22**
4	2	**HISF24**

Thermoplastic 4-Point FS/FD Plates

Port Size	Gangs	Color	IP Rating	Catalog No.
1	1	Gray	55	**HI14GY**
		Yellow	55	**HI114PY**
2	1	Gray	55	**HI24GY**
		Yellow	55	**HI124PY**

Weatherproof Device Box

Knockout	Protection Level	Color	Catalog No.
½"	NEMA Type 3R	Gray	**HIWP05GY**
¾"	NEMA Type 3R	Gray	**HIWP75GY**

HI-Impact POLYTUFF® Non-Metallic Conduit

Size	Length	Color	Catalog No.
½"	100'	Gray	**G1050**
¾"	100'	Gray	**G1075**

Cast Aluminum Device Box with Lugs

Hub	Color	Catalog No.
½"	Gray	**HIFD1L**
¾"	Gray	**HIFD2L**

LIQUIDTIGHT® Non-Metallic Fittings

Description	Size	Color	Catalog No.
Straight male	½"	Gray	**P050NGYA**
	¾"	Gray	**P075NGYA**
SWIVELLOK® male	½"	Gray	**PS0509NGY**
	¾"	Gray	**PS0759NGY**

HI-Impact Surface Mount Box

- Provides an easy way to mount and protect connectivity in punishing environments, supporting all HI-Impact media types
- For applications requiring stainless steel, NEMA Type 4/12 or NEMA Type 4X in different port configurations, a HI-Impact surface mount box suits environmental needs

2-Port Thermoplastic
HI24XGY

2-Port Powder Coat Steel
HI2CB2G

1-Port Stainless Steel
HI1CBSS

HI-Impact Surface Mount Boxes

Thermoplastic, Gray

NEMA Type Rating	Ports	Catalog No.
4X	1	**HI14XGY**
	2	**HI24XGY**
	4	**HI44XGY**
	6	**HI64XGY**

Steel, powder coated, Gray

4/12/13	1	**HI1CB2G**
	2	**HI2CB2G**

Stainless steel, brushed

4X	1	**HI1CBSS**
	2	**HI2CBSS**

DIN Rail Utility Box

- Offers a labor-saving method for providing utility power and/or communications to any control cabinet
- Installation is as easy as snapping the box vertically onto a 35mm DIN Rail and connecting the line, neutral and ground wires to the terminal block for power, or punching down Hubbell jacks for communications

DIN Rail Utility Box

Description	Catalog No.
Communications DIN rail utility box kit (unloaded)	**HIDRUBCKIT**

See page B9 for decorator and duplex frames.

HI-IMPACT | HARSH ENVIRONMENT SYSTEMS

Specifications

- High-impact polycarbonate construction provides maximum durability
- Patented keyhole mounting system allows installation in under a minute
- Includes attached gasket and mounting hardware
- Pre-configured for GFCI with patented knockout technology for alternate devices
- Lockable tab, 0.40" hasp

Standards

- UL Listed
- NEMA Type 3R Rated
- 2014 NEC® Compliant (Article 406.9)

Standard 1-Gang
RW57300

Jumbo 1-Gang
RW57350

2-Gang
RW57750

1-Gang Weatherproof Covers for Vertical/Horizontal Mounting

Description	Dimensions Inches (mm)	Catalog No.
Standard, non-metallic, gray with clear tinted cover, While-In-Use, 16-in-1 configurations below	5.54" x 3.79" x 3.07" (140.7 x 96.3 x 78.0)	**RW58300**
Jumbo, non-metallic, gray with clear cover, While-In-Use, 16-in-1 configurations below	5.54" x 3.79" x 5.08" (140.7 x 96.3 x 129.0)	**RW58350**

16 in 1

GFCI + Adapters (Included) or = Duplex Switch 1 1/4" 1 3/8" 1 9/16" & 1 5/8" 1 3/4" 2 1/8"

Duplex Switch 1 1/4" 1 3/8" 1 9/16" & 1 5/8" 1 3/4" 2 1/8"
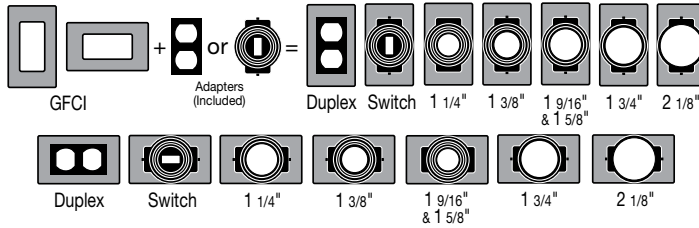
2-Gang Weatherproof Covers for Vertical/Horizontal Mounting

Description	Dimensions Inches (mm)	Catalog No.
Non-metallic, gray with clear cover, While-In-Use, 55-in-1 standard	5.54" x 5.43" x 3.07" (140.7 x 137.9 x 78.0)	**RW58750**

55 in 1

Multiple combinations of duplex, GFCI, switch, and rounds: 1 1/4", 1 3/8", 1 9/16", 1 5/8", 1 11/16", 2 1/8", 2 /4", 2 7/16"
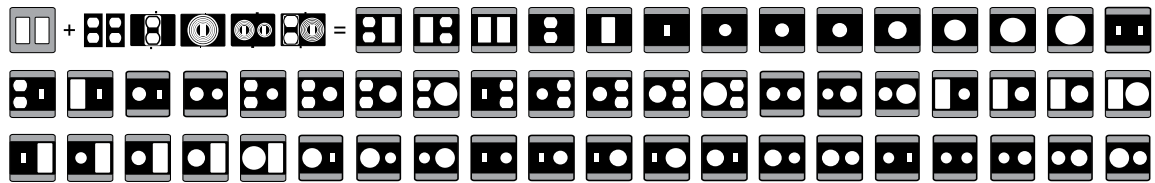
All covers required by the NEC® for while-in-use outdoor power distribution; thermoplastic covers provide protection for use in wet locations with the cover closed; holes for padlocks are .40 inches.

NEC® is a registered trademark of the National Electrical Code. NEMA® is a registered trademark of the National Electrical Manufacturers Association.

RE-BOX® Industrial Cabinet
IR4UG

Specifications

- NEMA Type 4X Environmental Protection
- Enclosure is fabricated from 14 gauge 304 stainless steel, door is 14 gauge 316 stainless steel
- Plasma-welded, continuous seams
- ¼-turn, oil-tight latches on door
- Poured-in polyurethane gasket on door

Consolidation Point Cabinet
HICP412G

Lock Kit
CKL751

HI-Impact RE-BOX® Industrial Cabinet

Cold rolled steel, powder coated, gray

NEMA Type Rating	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
3R	21" (533)	12" (309)	24" (610)	**IR2U3RG**
			36" (914)	**IR3U3RG**
4/12/13	21" (533)	12" (309)	24" (610)	**IR2UG**
			36" (914)	**IR3UG**
			48" (1219)	**IR4UG**
			36" (914)	**IR3PG***
			48" (1219)	**IR4PG***

Stainless steel, brushed

4X	21" (533)	12" (309)	24" (610)	**IR2USS**
			36" (914)	**IR3USS**

Pre-configured version includes (1) enclosure, (1) bottom-hinged patch panel bracket (4U, REK19), (1) equipment mounting bracket (5U, REKZ), and (1) HI-Impact RE-BOX back panel.
See pages N6 and N7 for RE-BOX accessories.

Hubbell's HI-Impact NEMA Type 4X and 4/12 consolidation point cabinets are designed for harsh environments where oil, dirt, dust and moisture are present. The HI-Impact consolidation point cabinet is a perfect solution to house and secure small switches, wireless access points and cross connect products in harsh environments such as factory floors, convention centers, correctional facilities, and commercial kitchens.

HI-Impact Consolidation Point Cabinet

Cold rolled steel, powder coated, gray

NEMA Type Rating	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog No.
4/12/13	12" (309)	7" (178)	12" (309)	**HICP412G**
Stainless steel, brushed				
4X	21" (533)	12" (309)	36" (914)	**HICPSS**

Lock Kit

Use to change lock style to meet specific applications; includes (2) assembly locks and keys

Description	Catalog No.
CH751 keyed lock kit	**CKL751**

netSELECT® | Residential Solutions

Hubbell's netSELECT® products are the perfect solution for quick and easy dependable installs. Each netSELECT product has been designed to accommodate today's changing voice, data and video applications.

netSELECT® | Residential Solutions

Specifications

- 18 gauge cold rolled steel base
- White powder coat finish
- High impact thermoplastic ABS trim ring

Standards

- cULus 1863 listed
- UL V0 flame rating on ABS trim ring

FPTV Enclosure Cover
NSAV6C

Power Kit
NSOKPS

Feed-Through Plate
NSAV1I

FPTV Connection Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Color	Catalog No.
2-gang in-wall enclosure	8.16" (207)	7.92" (201)	3.37" (86)	White	**NSAV62M**
4-gang in-wall enclosure	14.80" (376)	7.92" (201)	3.37" (86)	White	**NSAV124M**
Steel cover for NSAV6 series	7.2" (183)	7.2" (183)	0.05" (1)	White	**NSAV6C**
Steel cover for NSAV12 series	13.80" (351)	7.2" (183)	0.05" (1)	White	**NSAV12C**
Block wall adapter					**NSAV6BW**
New work stud brackets					**NSAV6NW**

Power Kits

Description	Color	Catalog No.
Standard power kit; includes wallplate, box and 15A tamper-resistant outlet	White	**NSOKPTR**
Surge protected power kit; includes wallplate, box and surge protected outlet	Blue	**NSOKPS**

Feed-Through Plates

Description	Color	Catalog No.
1-gang	Ivory	**NSAV1I**
	White	**NSAV1W**
2-gang	Ivory	**NSAV2I**

Specifications

- 18 gauge cold rolled steel base
- White powder coat finish
- High impact thermal plastic ABS latch
- 18 gauge welded steel mounting brackets

AV Ceiling Enclosure
AVCE1P

HDMI 2-Port Frame
NS802W

HDMI Patch Cord
HDPC06BK

AV Ceiling Enclosures

Description	Rating	Enclosure Dimensions	Color	Catalog No.
AV ceiling enclosure	Non-plenum	24"(610) x 12" (305) x 8" (203)	White	**AVCE1**
AV ceiling enclosure	Plenum	24"(610) x 12" (305) x 8" (203)	White	**AVCE1P**

Note: Enclosure Includes: (2) 20 amp duplex receptacles and 2-gang back box.

HDMI Frames

HDMI, decorator frame,female to female

Color	1-Gang, 1-Port	1-Gang, 2-Port
Almond	**NS801AL**	**NS802AL**
Black	**NS801BK**	**NS802BK**
Gray	**NS801GY**	**NS802GY**
Ivory	**NS801I**	**NS802I**
Light Almond	**NS801LA**	**NS802LA**
White	**NS801W**	**NS802W**

HDMI Device Patch Cords

24AWG

Length (ft)	Catalog No.
3	**HDPC03BK**
6	**HDPC06BK**

Black and non-plenum only

HDMI Link Cords

Connector to Device, 24AWG

Length (ft)	Catalog No.
10	**HDL10BK**
15	**HDL15BK**
20	**HDL20BK**
25	**HDL25BK**
30	**HDL30BK**

Black and non-plenum only

HDMI Horizontal Cords

Connector to Connector, 24AWG

Length (ft)	Catalog No.
10	**HDH10BK**
15	**HDH15BK**
20	**HDH20BK**
25	**HDH25BK**
30	**HDH30BK**

Black and non-plenum only

HDMI Coupler Cords

Coupler to Device, 24AWG

Length (ft)	Catalog No.
10	**HDC10BK**
15	**HDC15BK**
20	**HDC20BK**
25	**HDC25BK**
30	**HDC30BK**

Black and non-plenum only

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Telephone

Telephone Distribution

Internet

Audio

Audio Distribution

CATV
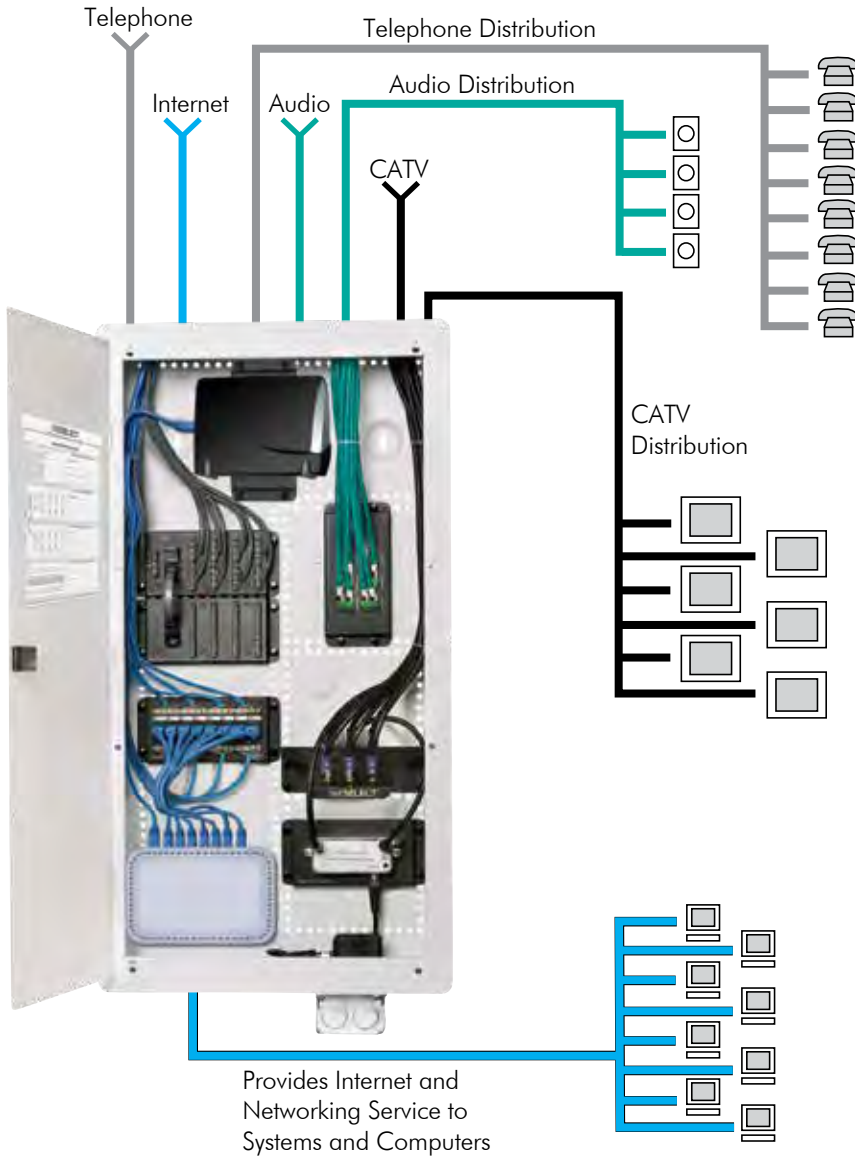
Flexibility
Hinged cover can be mounted to swing from either side.

CATV
Distribution

Options
Horizontal and vertical module mounting holes for maximum flexibility.

Provides Internet and
Networking Service to
Systems and Computers

Installation
Additional nylon push pins provided to assist module mounting.

Specifications

- Material: 20-18 gauge steel
- Finish: white, powder coat
- UL and cULus Listed 1863

Pre-Configured Network Kit
NSOBNK14

10-Inch
NSOBX10

14-Inch
NSOBOX14

Pre-Configured Network System

Description	Catalog No.
Basic home network kit includes: - One box with hinged cover NSOBOX14 - One primary 8-port telephone module NSOPTM8 - One four way coaxial splitter module NSOVM4	**NSOBNK14**

10-Inch Network Enclosure for MDU and Modular Applications

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog No.
With hinged cover	11.55" (293)	15.65" (398)	4.08" (104)	3	**NSOBX10**
With panel cover	11.07" (281)	–	4.08" (104)	3	**NSOBX10BC**
10"H box only	10.07" (256)	14.38" (365)	3.96" (101)	3	**NSOBX10B**
Hinged door	11.55" (293	15.65" (398)	0.58" (15)	–	**NSOBX10D**
Panel cover	11.07" (281)	15.50" (594)	0.20" (5)	–	**NSOBX10C**

14-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog No.
With hinged cover	15.55" (395)	15.65" (398)	4.08" (104)	5	**NSOBOX14**
With panel cover	15.10" (384)	15.54" (395)	4.08" (104)	5	**NSOBOX14BC**
14"H box only	14.00" (356)	14.38" (365)	3.96" (101)	5	**NSOBOX14B**
Hinged door	15.55" (395)	15.65" (398)	0.33" (8)	–	**NSOBOX14D**
Vented door (louver)	15.55" (395)	15.65" (398)	0.52" (15)	–	**NSOBOX14DL**
Panel cover	15.11" (384)	15.54" (395)	0.20" (5)	–	**NSOBOX14C**
2"D extension bracket with ventilation and WiFi KO	15.30" (389)	15.57" (395)	2.00" (51)	–	**NSOBOX14X2**

28-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog No.
With hinged cover	29.55" (751)	–	–	11	**NSOBOX28**
With panel cover	29.13" (740)	15.54" (395)	4.08" (104)	11	**NSOBOX28BC**
28"H box only	28.00" (711)	14.38" (365)	3.96" (101)	11	**NSOBOX28B**
Hinged door	29.55" (751	15.65" (398)	0.33" (8)	–	**NSOBOX28D**
Vented door (louver)	29.55" (751)	15.65" (398)	0.52" (15)	–	**NSOBOX28DL**
Panel cover	29.29" (744)	15.54" (395)	0.20" (5)	–	**NSOBOX28C**
2"D extension bracket with ventilation and WiFi KOs	29.3" (744)	15.57" (395)	2.00" (51)	–	**NSOBOX28X2**

48-Inch Network Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Module Unit Capacity	Catalog No.
With hinged cover	48.94" (1243)	14.94" (379)	4.07" (103)	21	**NSOBOX48***

Door covers rough-in, no trim ring provided.

Specifications

- Meets FCC Part 68 standard
- Finish: black, powder coat
- Material: 18 gauge steel or high impact plastic
- UL and cULus Listed 1863
- All data and phone modules 568A wired

Combination Module
NSOTVDM6

Primary Telephone Module
NSOPTM8

Cat 6 Data Module
NSODM8C6

Multi-Provider Patchable Telcom Module
NSOMTM12

Combination Modules

Description	Units	Catalog No.
6-port telephone panel and 6-port coaxial splitter with optional 6-port Category 5e panel provides voice, video, and data distribution in a space efficient package; perfect for use with NSOBOX10 and NS790xx plates to quickly establish a comprehensive home network		
6-port telephone and video	3	**NSOTVM6**
6-port telephone, video and Category 5e	3	**NSOTVDM6**
6-port Category 5e data upgrade kit	3	**NSODK6**

Primary Telephone Module

Description	Units	Catalog No.
8-port phone outlets with up to (4) incoming lines for voice, fax or modem applications in a protected PCB module; pre-mounted push pins snap the module quickly into place; RJ31X interface jack included for security system connection; RJ45 jack interfaces with optional NSOETM8 telephone expansion module for additional extensions	1	**NSOPTM8**

Expansion Telephone Module

Description	Units	Catalog No.
8-port adds an additional (8) phone outlets with up to (4) incoming lines when used with the primary telephone module; pre-mounted push pins snap the module quickly into place; includes RJ45 jumper cord to connect with NSOPTM8 primary telephone module	1	**NSOETM8**

Data Modules

Description	Units	Catalog No.
Category 5e data module, 8-port supports Gigabit Ethernet for up to (8) Category 5e data lines with front 110 punch-down terminations in a protected PCB module; pre-mounted push pins snap the module quickly into place	1	**NSODM8**
Category 6 data module, 8-port supports enhanced transmission speeds beyond Gigabit Ethernet; future-proof for tomorrow's applications	1	**NSODM8C6**

Patchable Telecom Module

Description	Units	Catalog No.
Terminates lines via modular plug to accommodate flexibility, by changing plug locations; reconfigure where phone lines go at the panel level; allows data lines to be converted to voice, with the move of a patch cord; includes nine RJ45 jumper cords	2	**NSOMTM24**

Multi-Provider Patchable Telcom Module

Description	Units	Catalog No.
12-port telephone module distributes 4 incoming lines out to 12 locations through RJ-45 jacks; allows data lines to be converted to voice with the move of a patch cord; RJ31X interface jack is included for security system connection	1	**NSOMTM12**

Specifications

- Finish: black, powder coat
- UL and cULus Listed 1863

4-Way Coaxial Splitter NSOVM4	8-Way Coaxial Splitter NSOVM8	Fixed Audio Amplifier NSOVAMP	Eight Room Audio NSOAM8

4-Way Coaxial Splitter Modules

One incoming line, four outgoing

Description	Units	Catalog No.
1GHz, basic unit	1	**NSOVM4**
2.3GHz, enhanced capability	1	**NSOVM42G**

6-Way Coaxial Splitter Modules

One incoming line, six outgoing

Description	Units	Catalog No.
1GHz, basic unit	1	**NSOVM6**
2.3GHz, enhanced capability	1	**NSOVM62G**

8-Way Coaxial Splitter Modules

One incoming line, eight outgoing

Description	Units	Catalog No.
1GHz, basic unit	1	**NSOVM8**
2.3GHz, enhanced capability	1	**NSOVM82G**

Fixed Video Amplifier Module

120 Volt rated

Description	Units	Catalog No.
Provides 10dB video signal amplification for incoming cable feeds recommended for use when more than four outputs are installed or when signal level is low; provides 10dB forward path gain and supports current digital cable systems and modems with a passive return; pre-mounted push pins snap the module quickly into place; includes RG-59 cable jumper to connect amplifier to passive video splitter	1	**NSOVAMP**

Eight Room Audio Module

Description	Units	Catalog No.
Distributes audio from an amplifier to matching volume controllers; supports up to eight rooms of audio; power handling – 200W RMS@20° C; requires impedance matching volume controls (see page U9)	1	**NSOAM8**

Blank Module Plate

Description	Units	Catalog No.
Allows mounting of active components (i.e. switches, routers) or other devices (66 blocks, audio components) onto a modular platform; can be custom drilled or used with two self-adhesive VELCRO® strips included to mount components onto module; pre-mounted push pins snap the module quickly into place	1	**NSOBM**

VELCRO® is a registered trademark of Velcro Industries B.V.

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Features and Benefits

- netSELECT® accessories enhance system capabilities
- Volume controls expand home audio applications
- Cabinet mounted receptacle kits provide convenient power to the enclosure
- Audio controls available in slide or rotary
- Receptacles available in surge and standard kits

Slide Volume Controller
NSOSAVC

Rotary Volume Controller
NSORAVC

Surge Receptacle
NSOKPS

Panel Bracket Adapter
NSOFSB

F-Connector Adapter Panel
FSPFP6X

Slide Audio Volume Controller

Description	Color	Catalog No.
Decorator styling; power handling 70W RMS@20° C; impedance matching for up to 8 pairs of speakers; includes both ivory and white slides and frames	Ivory/White	**NSOSAVC**

Rotary Audio Volume Controller

Description	Color	Catalog No.
Power handling 70W RMS@20° C; impedance matching for up to 8 pairs of speakers; includes both ivory and white knobs and frames	Ivory/White	**NSORAVC**

Panel Bracket Adapter

Description	Catalog No.
For use with adapter panels shown below and FSP series modules on page G11; snap mounts into structured cabling enclosures	**NSOFSB**

Surge Suppression Power Kit

Description	Catalog No.
Includes surge receptacle 15A 125V; NEMA® type 5-15R, 240 joules/15,000A protection; per mode; electrical steel box and wallplate	**NSOKPS***

Lock Kit

Description	Catalog No.
Chromed steel; includes two keys; eliminates unwanted tampering	**FLOCK1***

F-Connector Adapter Panel

Description	Catalog No.
F-connector adapter panel with six populated coaxial connectors	**FSPFP6X**

Standard Power Kit

Description	Catalog No.
Includes duplex receptacle 15A 125V; NEMA® type 5-15R electrical steel box and wallplate	**NSOKPTR**

Keystone Adapter Panel

Description	Catalog No.
Features six blank openings for jacks and snap fits	**FSPHD6X**

*Not UL or cULus Listed
NEMA is a registered trademark of the National Electrical Manufacturers Association.

Specifications

- TIA 568-C.2 Category 5e/6 component compliant
- cULus Listed

24-Port Jack Panel
NSPJ24

48-Port Jack Panel
NSPJ48

Cat 6 Snap Fit Jack
NSJ6W

Snap Fit USOC Jack
NSJUW

Jack Panels

Ports	Category	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Type	Catalog No.
24	–	1.72" (44)	19.00" (483)	1.24" (31)	Jack Panel	**NSPJ24**
48	–	3.47" (88)	19.00" (483)	1.21" (31)	Jack Panel	**NSPJ48**

netSELECT® Category 6, 5e and USOC Jacks

Color	Modular Snap Fit Cat. 6 Jack (Single)	Modular Snap Fit Cat. 6 Jack (25-Pack)	Modular Snap Fit Cat. 5e Jack (Single)	Modular Snap Fit Cat. 5e Jack (25-Pack)	Modular Snap Fit USOC Jack
Black	**NSJ6BK**	**NSJ6BK25**	**NSJ5EBK**	**NSJ5EBK25**	**NSJUBK**
Blue	**NSJ6B**	**NSJ6B25**	**NSJ5EB**	**NSJ5EB25**	**NSJUB**
Gray	**NSJ6GY**	**NSJ6GY25**	**NSJ5EGY**	**NSJ5EGY25**	**NSJUGY**
Green	**NSJ6GN**	**NSJ6GN25**	**NSJ5EGN**	**NSJ5EGN25**	**NSJUGN**
Ivory	**NSJ6I**	**NSJ6I25**	**NSJ5EI**	**NSJ5EI25**	**NSJUI**
Light Almond	**NSJ6LA**	**NSJ6LA25**	**NSJ5ELA**	**NSJ5ELA25**	**NSJULA**
Orange	**NSJ6OR**	**NSJ6OR25**	**NSJ5EOR**	**NSJ5EOR25**	**NSJUOR**
Red	**NSJ6R**	**NSJ6R25**	**NSJ5ER**	**NSJ5ER25**	**NSJUR**
White	**NSJ6W**	**NSJ6W25**	**NSJ5EW**	**NSJ5EW25**	**NSJUW**
Yellow	**NSJ6Y**	**NSJ6Y25**	**NSJ5EY**	**NSJ5EY25**	**NSJUY**

Note: See pages D4 and D5 for HC6 and HC5E patch cords. Also available in 100 packs.

Specifications

- Conductor: 24AWG UTP
- Jacket: Flame-Retardant PVC-CM Rated
- Plug Body: Polycarbonate UL 94V-0

Category 6
NSC6B01

Category 5e
NSC5EW01

NSC Patch Cords, Category 6

Length (ft)	Color			
	Black	Blue	Gray	White
1'	NSC6BK01	NSC6B01	NSC6GY01	NSC6W01
3'	NSC6BK03	NSC6B03	NSC6GY03	NSC6W03
5'	NSC6BK05	NSC6B05	NSC6GY05	NSC6W05
7'	NSC6BK07	NSC6B07	NSC6GY07	NSC6W07
10'	NSC6BK10	NSC6B10	NSC6GY10	NSC6W10
15'	NSC6BK15	NSC6B15	NSC6GY15	NSC6W15

NSC Patch Cords, Category 5e

Length (ft)	Color			
	Black	Blue	Gray	White
1'	NSC5EBK01	NSC5EB01	NSC5EGY01	NSC5EW01
3'	NSC5EBK03	NSC5EB03	NSC5EGY03	NSC5EW03
5'	NSC5EBK05	NSC5EB05	NSC5EGY05	NSC5EW05
7'	NSC5EBK07	NSC5EB07	NSC5EGY07	NSC5EW07
10'	NSC5EBK10	NSC5EB10	NSC5EGY10	NSC5EW10
15'	NSC5EBK15	NSC5EB15	NSC5EGY15	NSC5EW15

Features and Benefits

- Elongated strap for better wall box mounting
- High impact-resistant thermoplastic frame
- UL Listed 1863 - Communication Circuit Accessory and CSA Certified

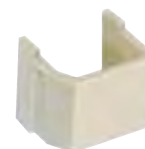|					
1-Port Frame NS611I	4-Port Frame NS614I	Adapter Frame NS621I	3-Port, 1-Gang, Standard NSP13I	6-Port, 2-Gang, Standard NSP26I	Blank Connector SFSBI10

Decorator Frames

	Ports					Adapter .406"	
Color	1-Port	2-Port	3-Port	4-Port	6-Port	(10.3) Dia. Hole	Adapter Blank
Black	**NS611BK**	**NS612BK**	**NS613BK**	**NS614BK**	**NS616BK**	–	**NS620BK**
Gray	**NS611GY**	**NS612GY**	**NS613GY**	**NS614GY**	**NS616GY**	–	**NS620GY**
Ivory	**NS611I**	**NS612I**	**NS613I**	**NS614I**	**NS616I**	**NS621I**	**NS620I**
Light Almond	**NS611LA**	**NS612LA**	**NS613LA**	**NS614LA**	**NS616LA**	–	**NS620LA**
White	**NS611W**	**NS612W**	**NS613W**	**NS614W**	**NS616W**	**NS621W**	**NS620W**

Note: Use NS621 with rotary dimmers or to pull through AV or telephone cable; use NS620 to fill an extra decorator opening or create customized openings

Multimedia Face Plates, 1-Gang

Standard

Color	1-Port	2-Port	3-Port	4-Port	6-Port
Black	**NSP11BK**	**NSP12BK**	**NSP13BK**	**NSP14BK**	**NSP16BK**
Gray	**NSP11GY**	**NSP12GY**	**NSP13GY**	**NSP14GY**	**NSP16GY**
Ivory	**NSP11I**	**NSP12I**	**NSP13I**	**NSP14I**	**NSP16I**
Light Almond	**NSP11LA**	**NSP12LA**	**NSP13LA**	**NSP14LA**	**NSP16LA**
White	**NSP11W**	**NSP12W**	**NSP13W**	**NSP14W**	**NSP16W**

Midsize

Color	1-Port	2-Port	3-Port	4-Port	6-Port
Black	**NSP101BK**	**NSP102BK**	**NSP103BK**	**NSP104BK**	**NSP106BK**
Gray	**NSP101GY**	**NSP102GY**	**NSP103GY**	**NSP104GY**	**NSP106GY**
Ivory	**NSP101I**	**NSP102I**	**NSP103I**	**NSP104I**	**NSP106I**
Light Almond	**NSP101LA**	**NSP102LA**	**NSP103LA**	**NSP104LA**	**NSP106LA**
White	**NSP101W**	**NSP102W**	**NSP103W**	**NSP104W**	**NSP106W**

Multimedia Face Plates, 2-Gang

Standard

Color	4-Port	6-Port
Black	**NSP24BK**	**NSP26BK**
Gray	**NSP24GY**	**NSP26GY**
Ivory	**NSP24I**	**NSP26I**
Light Almond	**NSP24LA**	**NSP26LA**
White	**NSP24W**	**NSP26W**

Blank Connector

Smooth, 10-pack

Color	Catalog No.
Black	**SFSBBK10**
Gray	**SFSBGY10**
Ivory	**SFSBI10**
Light Almond	**SFSBLA10**
White	**SFSBW10**

See page V12 for color chart

Features and Benefits

- High impact-resistant thermoplastic frame
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

RJ11, 6-Pos, 4-Cond
NS770I
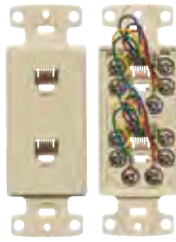
Duplex RJ11, 6-Pos, 6-Cond
NS772I

RJ11 + F-Type Coupler
NS783I

110 Punch-Down + F-Type Coupler
NS785I

Molded-In Voice and Data Decorator Frames

Jack	One RJ11 Jack	One RJ11 Jack	Duplex RJ11 Jack	2 Jack Voice Data Frame	
				RJ11 Jack	Category 5e
Position	6-Position	6-Position	6-Position	6-Position	8-Position
Conductors	4-Conductor	6-Conductor	6-Conductor	4-Conductor	8-Conductor
Terminations	Screw	Screw	Screw	Screw	110 IDC
Black	**NS770BK**	–	–		**NS784BK**
Brown	**NS770**	**NS771**	–		**NS784**
Gray	**NS770GY**	–	–		**NS784GY**
Ivory	**NS770I**	**NS771I**	**NS772I**		**NS784I**
Light Almond	**NS770LA**	**NS771LA**	**NS772LA**		**NS784LA**
White	**NS770W**	**NS771W**	**NS772W**		**NS784W**

Molded-In Video and Voice Decorator Frames

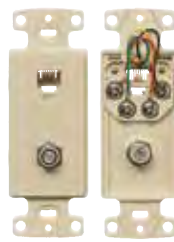| Jack			One RJ11 Jack, 6-Position, 4-Conductor	One Cat 5e 110 Punch-Down
F-Connector	Single F-Type Coupler Bulkhead	Duplex F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead
Type	Female to Female	Female to Female	Female to Female	Female to Female
Terminations	Screw	Screw	Screw	Screw
Black	–	–	–	**NS785BK**
Brown	–	–	–	**NS785**
Gray	–	–	–	**NS785GY**
Light Almond	**NS780LA**	**NS782LA**	**NS783LA**	**NS785LA**
White	**NS780W**	**NS782W**	**NS783W**	**NS785W**

Note: Standard plates available; see page B9. See page V12 for color chart.

Features and Benefits

- High impact-resistant thermoplastic plate
- Convenient screw down terminals
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

RJ11, 6-Pos, 6-Cond
NS732I

Duplex RJ11, 6-Pos, 6-Cond
NS744I

Molded-In Plates for Voice, 1-Gang

Standard

Jack	One RJ11 Jack	One RJ11 Jack	Duplex RJ11 Jack	Duplex RJ11 Jack
Position	6-Position	6-Position	6-Position	6-Position
Conductors	4-Conductor	6-Conductor	4-Conductor	6-Conductor
Terminations	Screw	Screw	Screw	Screw
Brown	**NS730**	**NS732**	**–**	**–**
Ivory	**NS730I**	**NS732I**	**NS742I**	**NS744I**
Light Almond	**NS730LA**	**NS732LA**	**NS742LA**	**NS744LA**
White	**NS730W**	**NS732W**	**NS742W**	**NS744W**

Mid-Size

Jacks	One RJ11 Jack		Duplex RJ11 Jack	
Position	6-Position		6-Position	
Conductors	4-Conductor		4-Conductor	
Terminations	Screw		Screw	
Brown	**NS735**		**–**	
Ivory	**NS735I**		**NS745I**	
Light Almond	**NS735LA**		**–**	
White	**NS735W**		**NS745W**	

See page V12 for color chart

RJ11 + F-Type Coupler
NS747I

110 Punch-Down + RJ11 + F-Type Coupler
NS790I

Molded-In Plates for Voice and CATV/Satellite, 1-Gang

Standard

Jack	One RJ11 Jack	One RJ11 Jack	–	–	One Cat 5e 110 Punch-Down, One RJ11 Jack
F-Connector	One F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead	Duplex F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead
Position	6-Position	6-Position	–	–	6-Position
Conductors	6-Conductor	4-Conductor	–	–	4-Conductor
Type	Female to Female	Female to Female	Female to Female	Female to Female	Female to Female
Black	–	–	–	–	**NS790BK**
Brown	–	–	–	–	**NS790**
Gray	–	–	–	–	**NS790GY**
Ivory	**NS748I**	**NS747I**	**NS750I**	**NS752I**	**NS790I**
Light Almond	**NS748LA**	**NS747LA**	**NS750LA**	**NS752LA**	**NS790LA**
White	**NS748W**	**NS747W**	**NS750W**	**NS752W**	**NS790W**

Mid-Size

Jack	One RJ11 Jack	
F-Connector	One F-Type Coupler Bulkhead	One F-Type Coupler Bulkhead
Position	6-Position	–
Conductors	6-Conductor	–
Type	Female to Female	Female to Female
Ivory	**NS755I**	**NS751I**
Light Almond	**NS755LA**	**NS751LA**
White	**NS755W**	**NS751W**

See page V12 for color chart

netSELECT® | RESIDENTIAL SOLUTIONS
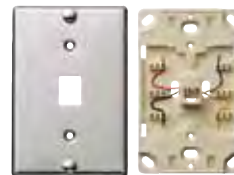
Features and Benefits

- Available in high impact-resistant thermoplastic or stainless steel
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Quick Connect, Punch-Down
NS721I

Screw Termination
NS725I

Stainless Steel Quick Connect
NS725I

Telephone Wall Jacks

Thermoplastic				Stainless Steel	
Jack	Wall Phone Jack Quick Connect	Wall Phone Jack	Wall Phone Jack	Wall Phone Jack Quick Connect	Wall Phone Jack
Position	6-Position	6-Position	6-Position	6-Position	6-Position
Conductors	4-Conductor	4-Conductor	6-Conductor	4-Conductor	4-Conductor
Terminations	Punch-Down (Tool Included)	Screw	Screw	Punch-Down (Tool Included)	Screw
Ivory	**NS721I**	**NS722I**	**NS725I**	**NS723SS**	**NS726SS**
Light Almond	–	**NS722LA**	**NS725LA**		
White	**NS721W**	**NS722W**	**NS725W**		

Features and Benefits

- High impact-resistant thermoplastic
- Mounts using screws or double sided tape (both included)
- Meets FCC part 68
- UL Listed 1863 – Communication Circuit Accessory and CSA Certified

Surface Mount Phone Jack
NS760I

Multimedia 2-Port
ISB2EI

Telephone Surface Mount Jacks

Description	Telephone Surface Mount Jack	Telephone Surface Mount Jack	Multimedia 1-Port Surface Mount Box, Jack Not Included*	Multimedia 2-Port Surface Mount Box, Jack Not Included*
Position	6-Position	6-Position	–	–
Conductors	4-Conductor	6-Conductor	–	–
Terminations	Screw	Screw	–	–
Black	–	–	**ISB1BK**	**ISB2BK**
Gray	–	–	**ISB1GY**	**ISB2GY**
Ivory	**NS760I**	**NS761I**	**ISB1EI****	**ISB2EI****
Office White	–	–	**ISB1OW**	**ISB2OW**
White	**NS760W**	**NS761W**	**ISB1W**	**ISB2W**

*cULus Listed 1863 - Communication Circuit Accessory; use multimedia jacks and AV connectors (see section F for complete list)
ISB Series is available in **EI (Electric Ivory) in place of **I** (Ivory)

See page V12 for color chart

Technical Information

This section explains ANSI/TIA standards and practices required for structured cabling installation and testing. Adherence to standards and codes is required to obtain Hubbell's MISSION CRITICAL® Warranty.

Technical Information

TECHNICAL INFORMATION

TECHNICAL INFORMATION

Online Videos

- Product
- Applications
- Instructional
- Continuing Education

Detailed Specifications

- BIM Models
- Visio Stencils
- Customer Drawings
- Specification Text

Literature Library

- Datasheets
- Brochures
- White Papers
- Application Guides

UL/ETL Certified Laboratory

- Component Testing
- Link/Channel Testing
- Active Network Testing
- Mechanical Testing

MISSION CRITICAL®
Certification Training

- Shielded and Unshielded Cabling
- Fiber Optic
- Audio/Video
- Standards

Partnerships

- Cisco® Developer Network
- Extreme Networks®
- Hitachi Cable America®

Cisco is a registered trademark of Cisco Systems, Inc. Extreme Networks is a registered trademark of Extreme Networks.

Industry standards are published design and performance requirements that are approved by industry ballot among cable and component manufacturers, specifiers and users. The objective of cabling standards is to promote global interoperability and minimum levels of performance.

As an active contributor to and leader in cabling standards organizations such as TIA and IEEE, Hubbell manufactures products that exceed all applicable standards. Compliance to industry standards is a long-term commitment by Hubbell Premise Wiring.

Global industry standards offer the following advantages:

- Interoperability of connecting hardware components
- Backward compatibility
- Open systems architecture
- Ease of migration to new performance levels
- Multi-vendor choice to the end-user

Compliance to standards also applies to MISSION CRITICAL® objectives. MISSION CRITICAL is defined as the delivery of long-term, uninterrupted service at stated performance levels.

This is the philosophy of the Hubbell 25-year MISSION CRITICAL warranty. For more information about Hubbell MISSION CRITICAL training and installer certification, visit *www.hubbell-premise.com*.

TECHNICAL INFORMATION

Permanent Link Field Testing

The permanent link test configuration includes a 90m length of horizontal cable and one connector attached to each end (see diagram). One optional consolidation point connection is also permitted. The permanent link runs from the cross-connect panel in the TR to the work station outlet. The permanent link overall length must not exceed 295ft (90m).

Channel Field Testing

The channel test configuration includes a length of horizontal cable up to 90 meters, a work area cord, and two patch cord cross connections (see diagram). One optional consolidation point connection is also permitted in the channel. The channel overall length must not exceed 328ft (100m).

Hubbell Approved Field Testers for UTP and Optical Fiber Cabling

The Hubbell MISSION CRITICAL® warranty program recognizes the field testers and associated test adapters below. These testers function in a bidirectional mode with automatic data acquisition and storage.

	Field Tester Model	Approved Categories	Permanent Link Adapter	Channel Adapter	110 Block T568A Wiring	110 Block T568B Wiring	Cat 6A AXT Test Kit
	Fluke DTX-1800 and Fluke DTX-1200 Series	Cat 5e, Cat 6	DTX-PLA001 w/DSP-PM06	DTX-CHA001	DTX-PLA001 w/DSP-PM13A	DTX-PLA001 w/DSP-PM13B	PLA002
		Cat 6A	DTX-PLA0025	DTXCHAOO1AS	N/A	N/A	DTX-10GKIT
	Fluke Networks DSX-5000 Series	Cat 5e, Cat 6	DSX-PLA001	DSX-CHA004S	N/A	N/A	N/A
		Cat 6A	DSX-PLA004S	DSX-CHA004S	N/A	N/A	N/A
	Fluke OMNIScanner™ and Fluke OMNIScanner™ 2	Cat 5e, Cat 6	OMNI-LIA101S w/DSP-PM06	8262-42	OMNI-LIA101S w/DSP-PM13A	OMNI-LIA101S w/DSP-PM13B	N/A
		Cat 6A	N/A	N/A	N/A	N/A	N/A
	IDEAL® LanTEK 6 and IDEAL® LanTEK 7	Cat 5e, Cat 6	HPW PCX6 Patch Cord	0012-00-0629	1019-00-1112 (Kit)	1019-00-1112 (Kit)	
	IDEAL® LanTEK 6A-7G	Cat 6A	HPW PS6 Series Patch Cord	Supplied in unit	N/A	N/A	LanTEK 10GBKIT
	IDEAL® LanTEK® II 350	Cat 5e, Cat 6	0012-00-0629	0012-00-0629	N/A	N/A	N/A
	IDEAL® LanTEK® II 500/1000	Cat 6A	0012-00-0656	0012-00-0656	N/A	N/A	N/A
	LanExpert 80T™	Cat 5e, Cat 6, Cat 6A	N/A	Supplied in unit	N/A	N/A	N/A
	LanExpert 85™	Cat 5e, Cat 6, Cat 6A	N/A	Supplied in unit	N/A	N/A	N/A

IDEAL and LanTEK are registered trademarks of IDEAL INDUSTRIES INC.
LanExpert is a trademark of Psiber Data Systems Inc
Fluke and OMNIScanner are trademarks of Fluke Corporation.

Recommended Installation Practices for Balanced Twisted Pairs

- Use the proper strip tool for the cable jacket. Do not cut into the conductor pairs.
- For best results, use the zip cord and peel away the cable jacket.
- Position the stripped cable jacket as close as possible to the termination point to minimize exposure of the twisted pairs.
- Maintain the natural twist of all conductor pairs as close as possible to the termination point. For Category 5e, 6 and 6A wiring, the maximum length of untwisted pairs is 0.5". Minimum untwisting optimizes return loss performance.
- Never uncoil UTP cable from a stationary spool. Permanent kinks will result from straightening, and NEXT failures may occur. Unwind the cable by rotating the spool with steady speed and tension. Also avoid scraping and kinking when feeding into conduit or raceway.
- Store cable slack for wall outlets above the ceiling for future re-termination.
- Use proper supports and spacing to minimize sag in horizontal runs. Long runs should use cable trays. Do not overload cable supports and trays.
- Do not exceed 40% cable fill ratio in any pathway.
- Avoid EMI by maximizing the separation distance from high voltage circuits, transformers, motors, etc. For shared pathways, use partitioned raceway with 2" minimum separation from power wiring.
- Do not run UTP cables over heater ducts or hot water ducts. High temperatures may degrade performance and deteriorate the cable jacket.
- Centralize TRs to equalize the horizontal cable runs on each floor. Maximum horizontal distance is 90 meters.
- Never use staples to position and manage cables.
- Use good cable management practices to maintain proper bend radius.
- For Category 6 and 6A cabling, store service loops in a figure-eight pattern to minimize cross-talk and EMI noise pick-up.
- All grounding and bonding shall be according to ANSI/TIA-607-C.

Jack Termination Aid

Category 6A Installation Practices

Refer to Hubbell 10GbE cabling guidelines online.

Note: Larger cable diameters will have an impact on design, pathway fill capacity and cable deployment.

Do's ✔	Don'ts ✘
Maintain a maximum bend radius of 4x the cable diameter (4-pair cables).	Never exceed a 90 degree bend.
Apply cable ties loosely and at random intervals. VELCRO® brand fasteners are recommended.	Do not over-tighten cable ties.
Try to minimize the amount of jacket twisting.	Do not over-twist cable; it can lead to torn jackets.
Avoid stretching the cable.	Do not exceed 25lb of pulling tension.

VELCRO is a registered trademark of Velcro Industries B.V.

Horizontal UTP Cable and Patch Cords

- Solid copper 4-pair 24 AWG UTP is specified for distribution cabling. Stranded UTP is specified for patch cords for flexibility. Shielded cable is not commonly used in the U.S. Splices bridge taps are not permitted.

- Cable, connectors and patch cords shall be marked with the performance category.
  Always match performance categories of cables and components throughout the infrastructure.

- All cable, cords and connecting hardware shall meet performance requirements of ANSI/TIA-568-C.2. Hubbell assures this compliance with all products and cable partners.

COLOR CODING:

white-blue/blue

white-orange/orange

white-green/green

white-brown/brown

Backbone UTP Cable

- Solid copper 4-pair and 25-pair UTP is specified. An overall shield is optional.

- Performance category markings and compliance to ANSI/TIA-568.1 and 568.2 is required.

- Circuits with incompatible signals should be partitioned in separate binder groups. Prior to making shared sheath circuit assignments, consult the equipment manufacturer for signal characteristics (i.e., frequency, amplitude, voltage, etc.).

- Tip conductor insulation colors are matched to the binder group. Ring conductor insulation colors correspond the pair.

Recognized Connector and Wiring Configurations

- 8-position modular jack/plug
- 8-position modular panel/plug
- T568A wiring or T568B wiring options
- Cat 5e, Cat 6 or Cat 6A recommended

RJ-45 ANSI/TIA-568 Wiring Conventions

Two wiring standards were adopted. Both configurations are based on maximum transmission performance.

T568A
1: Green/White
2: Green
3: Orange/White
4: Blue
5: Blue/White
6: Orange
7: Brown/White
8: Brown

• Preferred method

• Directly compatible with 2-pair voice and token ring systems utilizing 6-position connectors

T568B
1: Orange/White
2: Orange
3: Green/White
4: Blue
5: Blue/White
6: Green
7: Brown/White
8: Brown

• Optional method

• AT&T® standard

• Directly compatible with AT&T phone systems

Wiring Conventions

Local area network (LAN) standards designed to operate over UTP specify pin/pair assignments on modular connectors for various signal transmission protocols. While T568A and T568B conventions support all these designations, there are some cases where the user chooses to cable only the number of pairs required to support these applications.

10/100BASE-T

• 10 Mbps Ethernet over UTP

• Uses only two pairs

• 100 Mbps Ethernet

Token Ring

• 4/16 Mbps token ring over copper

• Uses only two pairs

TP-PMD

• 100 Mbps FDDI over copper

• Uses only two pairs

1000BASE-T (T568A)

• 1000 Mbps Ethernet over UTP

• Uses all four pairs

USOC Conventions

Universal Service Ordering Codes (USOC) are a series of Registered Jack (RJ) wiring configurations for connection of customer premises equipment to the network. FCC regulations govern these configurations.

USOC RJ25

USOC RJ11

Color Coding

	TIP		RING
Pair 1	T1 – White/Blue	Pair 1	R1 – Blue
Pair 2	T2 – White/Orange	Pair 2	R2 – Orange
Pair 3	T3 – White/Green	Pair 3	R3 – Green
Pair 4	T4 – White/Brown	Pair 4	R4 – Brown

AT&T is a registered trademark of AT&T Inc.

Block Wiring

Standard color codes for 25-pair UTP cable are specified in the chart below.

Wire/Color Code	Tip and Ring	Pair Number	50 Pin Positions	66 or 110 Block Positions
white/blue blue/white	Tip 1 Ring 1	Pair 1	26 1	1 2
white/orange orange/white	Tip 2 Ring 2	Pair 2	27 2	3 4
white/green green/white	Tip 3 Ring 3	Pair 3	28 3	5 6
white/brown brown/white	Tip 4 Ring 4	Pair 4	29 4	7 8
white/slate slate/white	Tip 5 Ring 5	Pair 5	30 5	9 10
red/blue blue/red	Tip 6 Ring 6	Pair 6	31 6	11 12
red/orange orange/red	Tip 7 Ring 7	Pair 7	32 7	13 14
red/green green/red	Tip 8 Ring 8	Pair 8	33 8	15 16
red/brown brown/red	Tip 9 Ring 9	Pair 9	34 9	17 18
red/slate slate/red	Tip 10 Ring 10	Pair 10	35 10	19 20
black/blue blue/black	Tip 11 Ring 11	Pair 11	36 11	21 22
black/orange orange/black	Tip 12 Ring 12	Pair 12	37 12	23 24
black/green green/black	Tip 13 Ring 13	Pair 13	38 13	25 26
black/brown brown/black	Tip 14 Ring 14	Pair 14	39 14	27 28
black/slate slate/black	Tip 15 Ring 15	Pair 15	40 15	29 30
yellow/blue blue/yellow	Tip 16 Ring 16	Pair 16	41 16	31 32
yellow/orange orange/yellow	Tip 17 Ring 17	Pair 17	42 17	33 34
yellow/green green/yellow	Tip 18 Ring 18	Pair 18	43 18	35 36
yellow/brown brown/yellow	Tip 19 Ring 19	Pair 19	44 19	37 38
yellow/slate slate/yellow	Tip 20 Ring 20	Pair 20	45 20	39 40
violet/blue blue/violet	Tip 21 Ring 21	Pair 21	46 21	41 42
violet/orange orange/violet	Tip 22 Ring 22	Pair 22	47 22	43 44
violet/green green/violet	Tip 23 Ring 23	Pair 23	48 23	45 46
violet/brown brown/violet	Tip 24 Ring 24	Pair 24	49 24	47 48
violet/slate slate/violet	Tip 25 Ring 25	Pair 25	50 25	49 50

Category 5e/6/6A Solution (without Consolidation Point)

Applications Supported

- ISDN
- Token Ring
- ATM 155
- TP PMD
- VoIP

- 10BASE-T
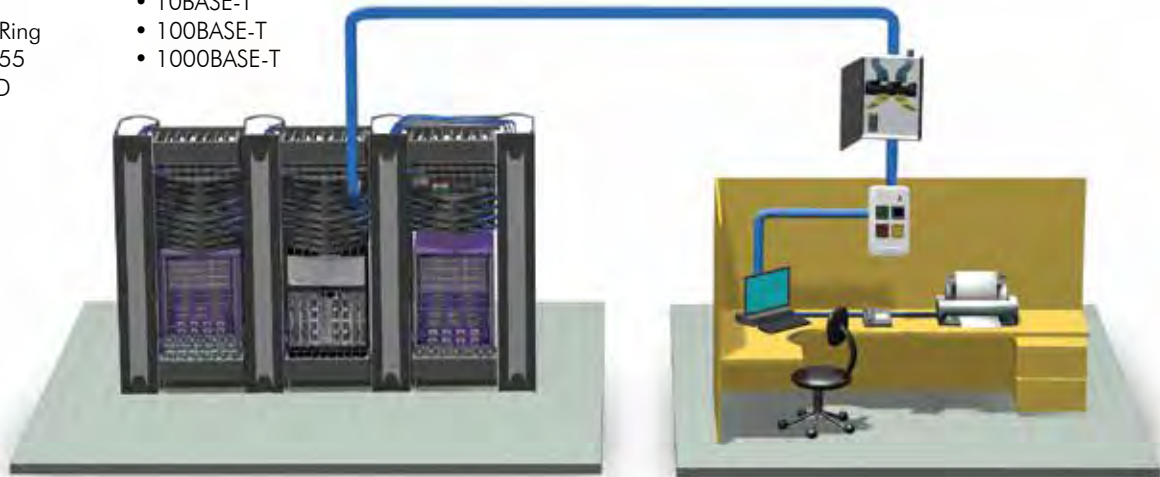- 100BASE-T
- 1000BASE-T
- 10GBASE-T

Hubbell Solutions

Product	Cat 6A Solution	Cat 6 Solution	Cat 5e Solution
Patch Cord	HC6A Series	HC6 Series	HC5E Series
Patch Panel	HP6A Series	HP6 Series	HP5E Series
Plates	IFP or IMF Series	IFP or IMF Series	IFP or IMF Series
Jack(s)	HJ6A Series	HXJ6 Series	HXJ5E Series
Cable	C6A Series	C6 Series	C5E Series

Category 5e/6 Solution (with Consolidation Point)

Applications Supported

- ISDN
- Token Ring
- ATM 155
- TP PMD
- VoIP

- 10BASE-T
- 100BASE-T
- 1000BASE-T

Hubbell Solutions

Product	Cat 6 Solution	Cat 5e Solution
Patch Cord	HC6 Series	HC5E Series
Patch Panel	HP6 Series	HP5E Series
Plates	IFP or IMF Series	IFP or IMF Series
Jack(s)	HXJ6 Series	HXJ5E Series
or 110 Block	6110 Series	110BLK Series
Cable	C6 Series	C5E Series

25-Pair UTP Solution

Applications Supported

• 1000BASE-T

Hubbell Solutions

Product	1000BASE-T
25-Pair Cable Assembly	525PS Series
Patch Panel	PG48
Patch Cord	HC6 Series
Plate	IFP or IMF Series
Jack(s)	HXJ6 Series

Fiber Solution

Applications Supported

• 1000BASE-SX/LX
• ATM (Fiber)
• 10GBASE-SX/LX

Hubbell Solutions

Product	Fiber
Patch Panel	FPR/FCR Series
Patch Cord	DFPSC Series
Plate	IFP, IMF or AFP Series
Fiber Connector	Hubbell OptiChannel or PROclick® Series
Fiber Cable	HFC Series

Jack Colors

BK=Black	**B**=Blue	**EI**=Ivory	**GL**=Gold
GY=Gray	**GN**=Green	**OW**=Office White	**OR**=Orange
P=Purple	**R**=Red	**W**=White	**Y**=Yellow

Plates, Frames, Modules, Snapfits and Surface Mount Box Colors

AL=Almond	**BK**=Black	**EI**=Ivory	**GY**=Gray
LA=Light Almond	**OW**=Office White	**W**=White	

Fiber Adapter Colors for AMO Box

AQ=Aqua	**BE**=Beige	**BK**=Black	**EI**=Ivory	**GN**=Green
OR=Orange	**OW**=Office White	**R**=Red	**Y**=Yellow	

Patch Cord Colors

BK=Black	**B**=Blue	**GY**=Gray	**GN**=Green	**OR**=Orange
PK=Pink	**P**=Purple	**R**=Red	**W**=White	**Y**=Yellow

Residential Flush Floor Box Covers

Solid Brass	Brass Plated	Chrome Plated	Copper Plated	Nickel Plated	Stainless Finish	Almond	Black	Chestnut Brown

Hubbell SystemOne Universal Covers

Aluminum Finish	Brass Finish	Black	Gray	Ivory