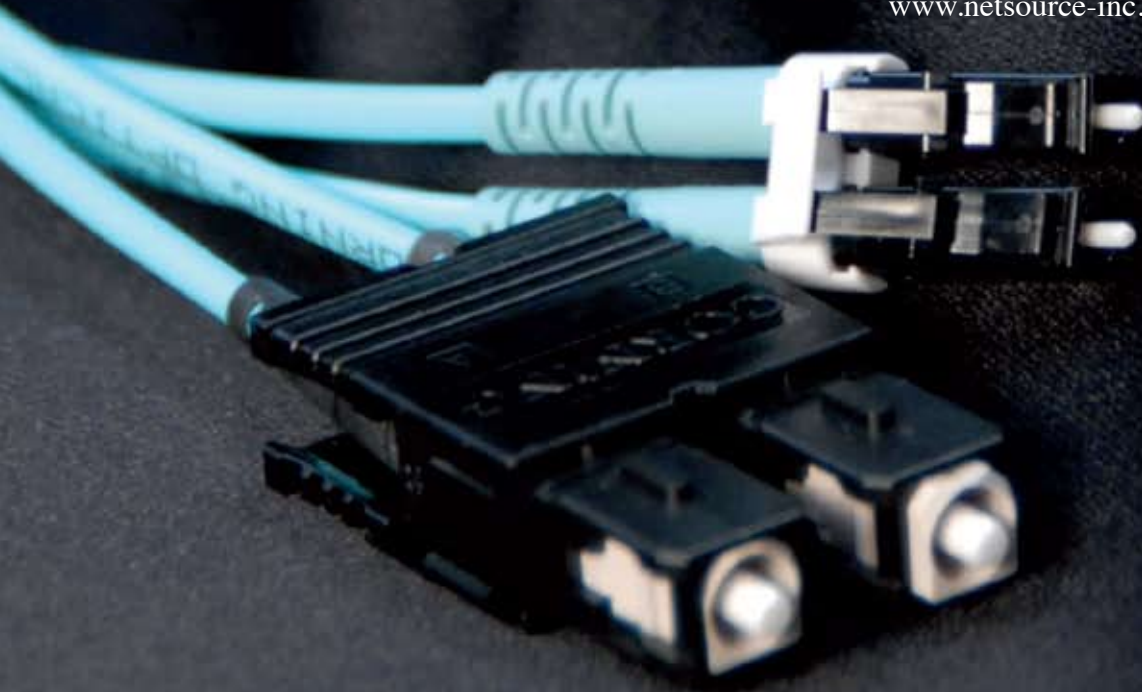




NETSOURCE, Inc.

25 West Street
Bolton, CT 06043
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www.netsource-inc.com



Our Commitment to Quality and Customer Service is our Connection to you!



At NetSource, the bottom line is always service and customer satisfaction. It's the reason we strive to provide a mixture of both standard and customized products to compliment a constantly evolving workplace environment.

Our staff knows that each customer's order carries its own unique requirements and specifications. At NetSource we have a commitment to build our products to meet or exceed every detail. That's our policy and we stand by it.



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*Connecting to you
for over 20 years*



ISO 9001: 2008 Registered

Certified Small Business

Cage Code 6QSM5



NETSOURCE, Inc.
1-800-557-8818

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Corning Gold Fiber Patch Cords

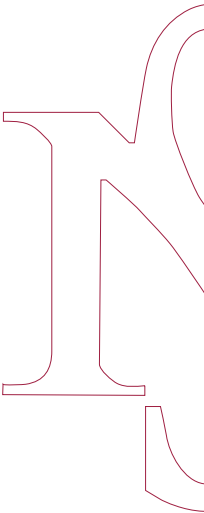


NetSource has been a member of the Corning Cable Systems Cable Assembly House (CAH) Connections SM Gold Program for the past eight years.

The exclusive CCS CAH Connections SM Program Gold level is reserved for top tier cable assembly houses known for their commitment to outstanding quality and industry leadership. Having undergone rigorous Corning process training and evaluation, NetSource shares Corning's dedication to quality, technology and innovation by consistently manufacturing products of superior performance.

NetSource complements the Corning Cable Systems Cable Assembly House (CAH) Connections SM Gold Program by relentlessly pursuing the following business principals:

- Focus on quick turn capabilities
- Accomodating unique customer specifications
- Industry leading quality standards
- Nationwide sales organization that drives total customer satisfaction



Category 5E Patch Cables

NetSource U.S. Made Cat5E Patch Cables

NetSource Custom Series are a U.S. Made product custom built to fit your unique requirements. Benefits include:

- Constructed with top quality 350 MHz 24 AWG stranded patch cable from a variety of U.S. manufacturers
- High Quality RJ45 modular plugs with gold-plated contacts to ensure top performance
- Patch cables are available in 12 colors
- Industry Standard T-568A, T568-B, crossover or custom wiring available
- Options for non-booted or variations of boots (snagless) available



No Boots



Slide-On Boot



Clear Slimline Boot (For High Density)



NetSource Value Series, U.S. Made

NetSource Value Series cables are a more affordable solution to custom cabling needs

- All of the same customization is available as with the Custom Series
- Same quick turnaround
- Bulk cable is sourced from an overseas manufacturer

NetSource Economy Series

NetSource Economy Series cables are the most cost-effective solution in patch cables

- Standard lengths available from 1' - 100'
- Cables are available with No Boots or with a Molded Boot
- Cables are imported and stock/availability will vary



Ordering Information Cat5E Patch cables

	Custom	Value	Economy
No Boots	PC5BE-XX-YY	PC5BE-XX-YY-I	IM5BE-XX-YY
Standard Boots	PCS5BE-XX-YY	PCS5BE-XX-YY-I	IMS5BE-XX-YY
Clear Slimline Boots	PCC5BE-XX-YY	PCC5BE-XX-YY-I	N/A

Part #s are based on standard 568B wiring method



NetSource U.S. Made Cat6 Patch Cables

NetSource Custom Series are a U.S. Made product custom built to fit your unique requirements. Benefits include:

- Constructed with top quality Cat6 24 AWG stranded patch cable from a variety of U.S. manufacturers
- Cat6 rated RJ45 modular plugs with staggered load bar insert and gold-plated contacts to ensure maximum performance
- Patch cables are available in 12 colors
- Industry Standard T-568A, T568-B, crossover or custom wiring available
- Options for non-booted or variations of boots (snagless) available



No Boots



Slide-On Boot



Clear Slimline Boot



NetSource Value Series, U.S. Made

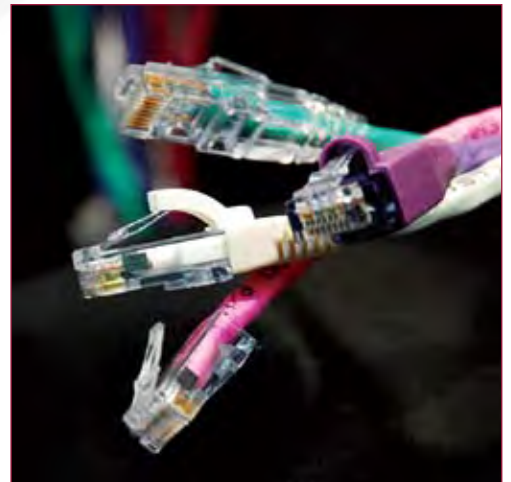
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- All of the same customization is available as with the Custom Series
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NetSource Economy Series cables are the most cost-effective solution in patch cables

- Standard lengths available from 1' - 100'
- Cables are available with No Boots or with a Molded Boot
- Cables are imported and stock/availability will vary



Ordering Information Cat6 Patch Cables

	Custom	Value	Economy
No Boots	PC6B-XX-YY	PC6B-XX-YY-I	IM6B-XX-YY
Standard Boots	PCS6B-XX-YY	PCS6B-XX-YY-I	IMS6B-XX-YY
Clear Slimline Boots	PCC6B-XX-YY	PCC6B-XX-YY-I	N/A

Part #s are based on standard 568B wiring method



CORNING

CAH ConnectionsSM Gold Program

Corning Gold Fiber Patch Cables

NetSource's association with Corning Cable Systems in the CAH Gold Program enables us to provide high-quality Corning equivalent fiber patch cables to complement a full Corning warranty. These cables are manufactured in accordance with the high standards that have made Corning #1 in the industry for decades. Able to be built to all custom lengths and specifications, these cables are always available with a timely turnaround.



U.S. Made Fiber Patch Cables

Our generic U.S. Made fiber optic patch cables utilize the same industry-leading manufacturing processes handed down from Corning. Made in the USA with high quality generic components, these cables are available in all types of connector configurations for both custom and standard length cords. A variety of different jacketing options are available, including different colors and sizes.



Net-Lite Economy Patch Cables

NetSource's Net-Lite fiber jumpers are our most economical line of fiber patch cables. These are kept in stock and are able to ship same day. Net-Lite jumpers are stocked in meter lengths between 1 and 30 meters. Custom lengths and specifications are available at the same economical pricepoint and typically carry a 5-7 day lead time.



Benefits of NetSource Fiber Patch Cables:

- All cables are factory terminated and 100% optically tested to meet or exceed industry performance standards
- NetSource utilizes the most advanced testing and polishing procedures available

All Fiber Patch Cables are available in the following standard glass types:

- Multimode 62.5/125 micron
- Multimode 50/125 micron (Standard – Orange)
- Multimode 50/125 micron (10 Gig Laser Optimized – OM3 – Aqua)
- Multimode 50/125 micron (10 Gig Laser Optimized – OM4 – Aqua)
- Singlemode 9/125 micron

Duplex Fiber Patch Cables

ST Multimode



FC Multimode



LC Multimode



LC 10Gig



SC 10Gig



SC Multimode



MTRJ Multimode



ST 10Gig



MTRJ 10Gig



ST Singlemode



FC Singlemode



LC Singlemode



SC-APC Singlemode



FC-APC Singlemode



SC Singlemode



MTRJ Singlemode



LC-APC Singlemode



Standard Fiber Part Number Configurator

		TRANSMISSION TYPE	CONNECTOR 1	CONNECTOR 2	LENGTH	
CORNING Gold	FA	TT	C1	C2	LL(M)	C (CORNING)
U.S. Made, Generic	FA	TT	C1	C2	LL (M)	
NET - LITE	NL	TT	C1	C2	LL(M)	
		<i>TRANSMISSION TYPE Abbreviations</i>	<i>CONNECTOR 1 Abbreviations</i>	<i>CONNECTOR 2 Abbreviations</i>	<i>LENGTH Abbreviations</i>	
		SM = SINGLEMODE	FA = FC/APC	FA = FC/APC	LL = LENGTH IN FEET	
		50 = 50 MICRON	FC = FC	FC = FC	LLM = LENGTH IN METERS	
		62 = 62.5	LA = LC/APC	LA = LC/APC		
		XG = OM3	LC = LC	LC = LC		
		4G = OM4	SA = SC/APC	SA = SC/APC		
			SC = SC	SC = SC		
			ST = ST	ST = ST		
						EXAMPLES
						CORNING Gold
						15 METER LC/LC 50 MIC 10 GIG DUPLEX PVC
						FA XG - LC LC - 15M C
						U.S. Made, Generic
						25' LC/SC SINGLEMODE DUPLEX PVC
						FA SM - LC SC - 25
						NET-LITE
						3 METER ST/SC MM 62.5 DUPLEX
						NL 62 - ST SC - 3M
						XX = NO CONNECTOR



FOR ANY CUSTOM CONSIDERATIONS
PLEASE CALL YOUR NETSOURCE
SALES REP

Data Center Copper Cables

Category 6 Augmented

Category 6A Cabling has emerged on the market to support 10 Gigabit Ethernet (10GbE) and to satisfy today's demands for higher transmission rates and increased bandwidth.

NetSource offers a full line of customizable Cat6A patch cables in both shielded and unshielded varieties. Our Cat6A patch cables have a reduced diameter which means greater ease of installation in the field. Additionally, these cables can be fitted with a slim insert-style boot to accommodate high-density applications. These patch cables are available with a quick turnaround in most cases and are manufactured in the USA. Contact your NetSource Sales Rep for specific ordering information.

Cat6A Unshielded



Cat6A Shielded



Bundled Cable Assemblies

NetSource offers a line of bundled cable assemblies that are available with a wide variety of custom attributes. These assemblies are designed to promote ease of installation in the data center environment. Sure to be a time saver, custom bundled assemblies also help to provide a neat look and are a fine complement to well-designed cable management.

- Bundles available using Cat5E, Cat6 or Cat6A cable
- Different means of bundling
- Tech Flex Mesh Wrap
- Velcro Tie Wraps
- Nylon Tie Wraps
- Cables can be cut to any desired length
- Bundles can be composed of any number of cables
- Bundles commonly have a staggered breakout to help dress neatly into the patch panel
- PVC or Plenum jacket available
- Bundles can be made with any manufacturer's cable
- Cable ends can be either Male (RJ45 Plug) or Female (Jack)
- Custom labeling available

Contact your NetSource Sales Rep for your specific needs and ordering info.
1-800-557-8818

RJ45/RJ45



Jack/RJ45



Jack/Jack



SFP/SFP+/QSFP Twinax Copper Cable Assemblies

- SFP (Small Form-factor Pluggable) products were designed for Ethernet, Fibre Channel and Infiniband applications up to 4Gb/s.
- SFP+ products extend the use of the SFP up to 10 Gigabit Ethernet
- QSFP (Quad Small Form Pluggable) products support up to 40/100 Gbps transmission speeds
- NetSource offers a line of these Copper Cable Assemblies in Direct Attach, Active and Passive.

QSFP



SFP



Data Center **Fiber Cables**

High-Density MTP®/MPO Solutions

Pre-terminated MTP/MPO solutions from NetSource

can be used to reduce installation time and double your fiber density in your data center. The MTP/MPO is a small form factor connector that can connect 8, 12, 16 or 24 fibers in one connector. The easy push-pull design of the MTP/MPO makes for convenient installation and removal in plug-and-play scenarios.

MTP/MPO Assemblies are available in trunk configurations with MPO connectors on both ends and also in a breakout/harness type with an MTP on one end broken out to LC connectors or LC Uniboot connectors on the other end.

As with other pre-terminated multi-fiber assemblies, MTP cables are available in all Multimode and Singlemode glass types with a variety of different jacket options.

Further Benefits of NetSource Pre-Terminated Multi-Fiber Assemblies:

- Zero fiber preparation, field termination, or specialized training for installers
- Assemblies are cut to customer-specified lengths with pulling eyes and all necessary identification information attached
- Factory termination and testing provides greater reliability over field termination
- Pre-Terminated assemblies are ready to ship out the door in as few as 1-2 days



Corning Cable Systems LC UniBoot Assemblies

Corning Cable Systems has released its LC UniBoot product line to members of its CAH Connections Gold Program. NetSource is a proud member of the program and is offering this unique product set. Since this product is part of the CAH Connections Gold Program, Corning Cable Systems extends a 25 year warranty to these assemblies.

Product Features and Benefits

- Brand you can trust.
- Proven product reliability.
- Small form factor connectors.
- Single 2mm cable for 2 fibers to facilitate easier and better cable routing for densely populated areas.
- Unique and rapid field polarity switching capability that allows changes without exposing the fiber.
- Polarity identification features.

Bring together the features above with the NetSource commitment to Fast Delivery, Quality Products, and Excellent Service and you have an unbeatable combination.

Pre-Terminated Multi-Strand Fiber Optic Assemblies

Pre-Terminated Multi-Strand Fiber Solutions from NetSource are designed to save both time and money – an installer’s dream. These assemblies are available with a wide variety of custom specifications:



Glass Type

- Multimode 62.5/125 OM1
- Multimode 50/125 – Standard OM2
- Multimode 50/125 – 10 Gigabit OM4
- Singlemode
- Bend Insensitive Singlemode

Jacket Type

- Indoor Riser and Plenum
- Indoor/Outdoor Riser and Plenum
- Outside Plant Direct Burial
- Aerial/Figure 8
- Interlocking Armored
- Military Tactical

Connector Type

- Any of the connector types and combinations listed on Page 5

Custom Specifications

- Pulling Eyes – Recommended for long lengths (100’ +)
- Custom Breakouts (24” is Standard)
- 2mm and 3mm furcation tubing (900 micron is Standard)
- Wide variety of cable manufacturers



NetSource Fiber Optic Pigtails

900 Micron Pigtails and Multi-Fiber Pigtail Kits from NetSource are designed to link an unterminated piece of fiber to equipment. Typically 1 Meter to 3 Meters in length, pigtails are assemblies that have a factory-terminated connector on one end of a tight buffered fiber and are open on the other end. This open end is to be used for fusion splicing to another piece of fiber. Fusion splicing of these pigtails is the most reliable manner of completing a run of fiber. Pigtails eliminate the need for mechanical splice connectors and any other type of field-termination.

NetSource offers pigtails with a wide variety of options:

- Individual 900 micron “unjacketed” fibers terminated with any type of connector and in any glass type
- Multi-Strand fiber without a jacket, bundled in color-coded groups of 6 or 12
- Multi-Strand Fiber that remains jacketed, typically with an 18” 900 micron breakout
 - 6, 12, 24, 36, 48, 72, 144, and 288-Strand fiber counts available



Pigtail Part Numbers

Single Fiber Unjacketed – FP900(TT)-(CC)-(Length)
Multi-Fiber Unjacketed – FP(XX)900(TT)-(CC)-(Length)
Multi-Fiber Jacketed – FP(XX)(TT)-(CC)-(Length)

TT = Transmission Type
CC = Connector Type
XX = Number of Fibers

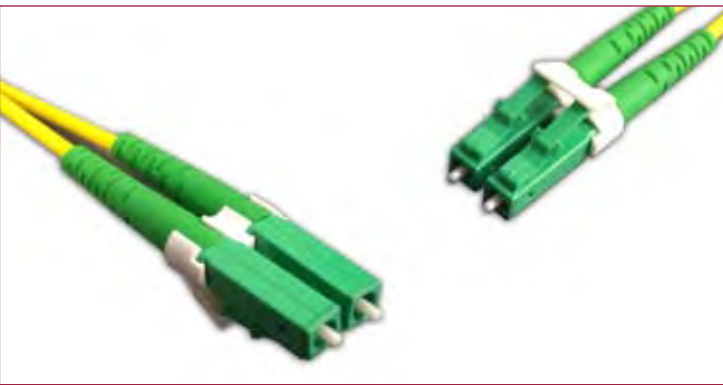
**See Page 5 for Connector (CC)
and Transmission Type (TT) Options*

CUSTOM ASSEMBLIES FOR EMERGING MARKETS

DAS/PON/GPON/WIRELESS



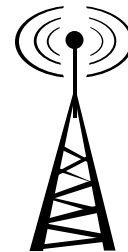
NetSource, Inc. has the ability to build custom fiber and/or copper assemblies for emerging markets such as Distributed Antenna Systems (DAS) and Passive Optical Network (PON) or Gigabit Passive Optical Networks (GPON).



The assemblies needed in these markets are high quality products built for reliable transmission of wireless signals, improving cellular coverage and high speed video/data communication.

Wireless/RF Cable Assemblies

With more and more wireless technology in the marketplace, the need for RF-type cable assemblies seems to be growing every day. Here are some of the cable and connector types offered in this growing area of the industry. Consult your NetSource Sales Rep regarding your specific needs.



Cable Types		Connector Types	
LMR-100	RG58	SMA	N
LMR-195	RG142	SMB	F
LMR-240	RG174	BNC	1.0/2.3
LMR-400	RG179	TNC	UHF
LMR-600	RG213		
RG8	RG214		
RG11	RG316		
			RP-TNC





Audio/Video

3.5mm Stereo



Triple RCA Composite Audio/Video



SC-APC Singlemode



RG59 w/ BNC Conn



RG6 w/ F Conn



15-pin SVGA



FC-APC Singlemode



DVI



HDMI



LC-APC Singlemode



RGB Component Video w/RCA Conns



DS3 Coax



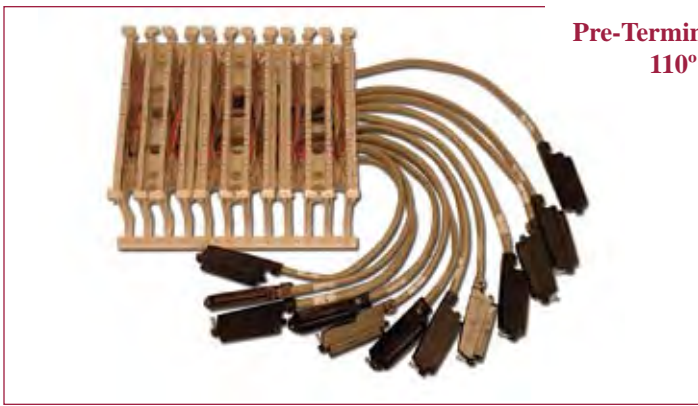
734

- 20 AWG construction
- Better choice for longer distances — 250' and over
- CMR available in Single and Zip-type 2-Conductor versions
- CMP available in Single Conductor only
- 75 Ohm w/BNC Connectors

735

- 26 AWG construction
- Recommended for short distances only — Less than 250'
- CMR and CMP available in Single and Zip-type 2-Conductor versions
- 75 Ohm w/BNC Connectors
- Multi-Conductor Cables Also Available

Contact your NetSource Sales Rep for any custom considerations and ordering information



Pre-Terminated 300-pair
110° Blocks

Telco Category 3

Cat3 12-leg
Hydra Assembly



Female 90°



Cat3 Part Number Configurator

PVC Cables 25 _____ L3 - _____

Plenum Cables 25 _____ L3P - _____

Gender Connector 1

Length (ft)

Hood Type Connector 1

Gender Connector 2

Hood Type Connector 2

P = Male
C = Female
X = Open End

9 = 90°
8 = 180°

Male 180°



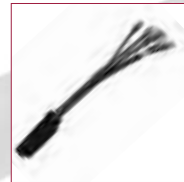
Male 90°



6-Leg Cat5E Hydra
with Clear Tubing



6-Leg Cat5E Hydra
with Tech Flex



Telco Category 5E

Male 110°



Cat5E Telco Part Number Configurator

Plenum Cables 25 _____ L5E - _____

Plenum Cables 25 _____ L5EP - _____

Gender Connector 1

Length (ft)

Hood Type Connector 1

Gender Connector 2

Hood Type Connector 2

P = Male
C = Female
X = Open End

9 = 90°
8 = 180°
R = 110° Right Exit
L = 110° Left Exit

Male 180°





NetSource is a SMALL BUSINESS concern dealing with many major markets including but not limited to:

- Defense / Military
- OEM / Manufacturers
- Commercial
- Telecommunications
- Industrial
- Transportation (Rail/Automotive)
- Robotics
- Oil & Gas
- Medical



Quality Standards and Certifications:

NetSource Inc. personnel are well trained, certified to ETA (Electronics Technician Association) requirements and experienced in Shipboard Fiber Optic Termination and inspection in accordance with Mil-STD 2042B. NetSource utilizes state of the art assembly, cleaning and inspection equipment to ensure performance to rigorous quality standards.

NetSource has a certified IPC/WHMA – 620 Instructor on Staff to train and certify all assembly personnel to the wire harness assembly standard.

Other Certifications include:

- ISO 9001: 2008
- JCP Number: 0067991
- ITAR Registered
- J-STD – 001 Class 3



Our Value added product offerings and services include:

- Electrical Cable Assemblies & Harnesses
- Ruggedized Molded and Encapsulated Cable Assemblies
- Mil-Spec and Commercial Fiber Optic terminations and interconnects
- Military and Commercial Aircraft
- Navy Ships and Submarines
- Tactical
- Custom Cables, Box Builds, Cabinets, Rack Systems and Enclosures
- Hybrid Assemblies
- Flexible Conduit
- Prototype, design and engineering services
- Turn Key Solutions
- Quick Turn Capabilities
- No Minimum Buys





NETSOURCE OEM

At NetSource – our mission is to meet and fulfill customer needs, improve existing products when possible and produce products for less cost through the utilization of more efficient design and manufacturing techniques



M28876 Cable Assembly



Military Cable Assembly



Commercial Cable Assembly



Breakout Boxes



Molded Cable Assemblies



Hybrid Cable Assembly



Custom Cable Assemblies

OEM

NETSOURCE OEM



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