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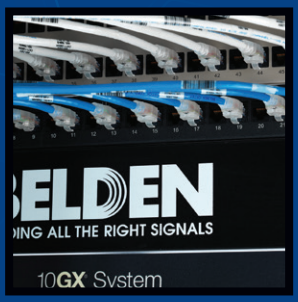
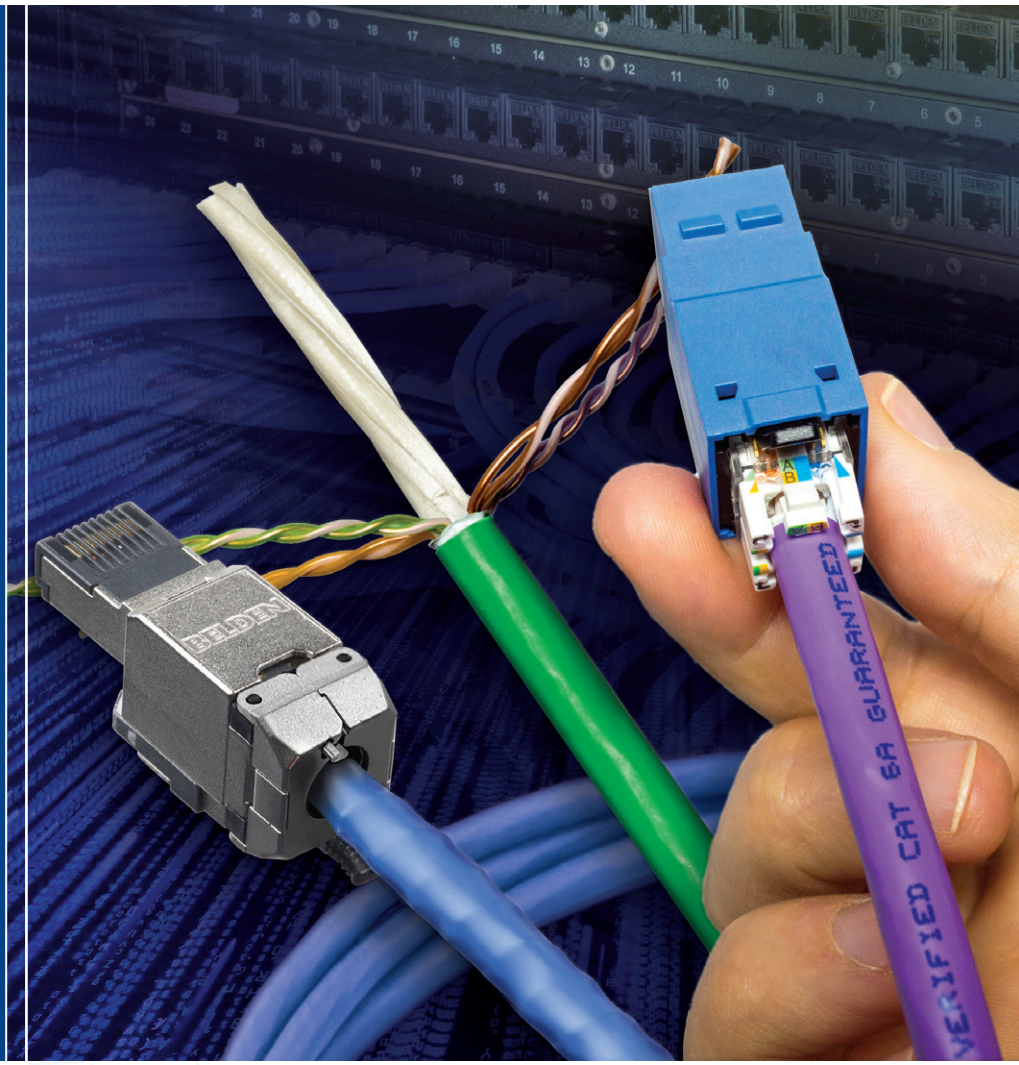
Belden® Copper Catalog





Our End-to-End Expertise
Your End-to-End Solution

Belden Copper Systems

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Belden Copper Systems Provide Reliable, End-to-End Networking Performance

Cabling is the core foundation of every network — its ability to provide high-performance, reliable transmission is essential for carrying out day-to-day business operations. From critical data center links that connect network switches and servers, to horizontal and backbone links that deliver voice, data and video for networking, communications, audio visual, security and building management applications, Belden has end-to-end copper cabling systems to address your current networking challenges while providing bandwidth and scalability for the needs of the future.

LEED documents are available for several products. See specific product pages for LEED document retrieval instructions.

Cable products compliant with Living Building Challenge requirements are on page 71.

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BELDEN

Representing Networking Leadership at Every Turn

Five different levels of Belden Copper Systems are offered to meet customers' specific needs.

Belden Copper Systems represent networking leadership at every turn, providing top-performing structured cabling systems that reduce downtime, ease deployment and facilitate migration to advanced networking technologies and converged building systems. Designed with innovative technologies that provide beyond-standards performance, Belden Copper Systems are available in five different levels to meet your specific needs — no matter what your application, your environment or your plans.

10GX System

The 10GX System is an end-to-end copper system designed with dynamic enabling technologies to support the most demanding current and future high-end applications with performance beyond the TIA/EIA Category 6A standard. With a guaranteed 625 MHz of usable bandwidth for 10GBASE-T applications and the highest supported frequency for broadband video at 860 MHz, the 10GX System is an ideal long-term investment that will outlast several equipment and application upgrades. Combined with a host of patch panels, assemblies, connectors and accessories, as well as a pre-terminated system, the 10GX System is the ideal solution for any current and future data center or horizontal cabling system.

4800 System

As the highest-performing Category 6 system available, the 4800 System provides guaranteed bandwidth to 300 MHz with exceptional signal power and signal-to-noise performance that tops TIA/EIA Category 6 requirements. From transmitting large volumes of data throughout the LAN and data center, to advanced applications like Voice over IP (VoIP), video over IP, Power over Ethernet (PoE)+ and IP-based security and building management systems, the 4800 System supports a variety of environments and applications. With a wide range of components and accessories, the end-to-end 4800 System offers the longest operational lifespan of any Category 6 system.

3600 System

The 3600 System offers the best price-performance ratio of any end-to-end Category 6 system on the market. With guaranteed performance to 280 MHz, the 3600 System offers headroom beyond the TIA/EIA Category 6 standard to support any current IP-based application, including VoIP, PoE, wireless access points and building automation systems. Enhanced crosstalk and impedance performance, combined with a compact size and available pre-terminated system for rapid data center deployment, make the 3600 System the most cost-effective solution for high-traffic and high bit-rate applications throughout the LAN environment.

2400 System

The 2400 System offers moderate communications performance for general business applications and transactions, including advanced file sharing and downloads. It offers a guaranteed bandwidth of 250 MHz to support 10/100/1000BASE-T applications with enhanced, error-free Category 6 performance. With cables, modular jacks, cords, patch panels and a cross-connect system, the 2400 System is an ideal market-entry solution for businesses ready for reliable end-to-end Category 6 performance.

1200 System

For networks requiring only Category 5e performance, the 1200 System is the best-performing Category 5e system available. The 1200 System exceeds all requirements for Category 5e performance with guaranteed bandwidth to 160 MHz—more bandwidth than typical Category 5e systems. Ideal for budget-conscious and short-term investments, the 1200 System is robust enough to support a variety of basic business applications in standard environments, including basic PoE.

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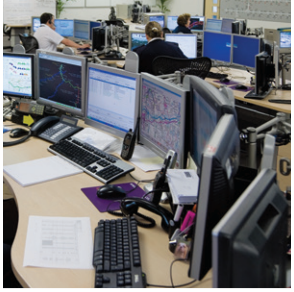


Belden Copper Systems – Performance and Component Selection Matrix

System	10GX System	4800 System	3600 System	2400 System	1200 System
Performance Standard	Category 6A	Category 6	Category 6	Category 6	Category 5e
Available Bandwidth	625 MHz	300 MHz	280 MHz	250 MHz	160 MHz
Cable Selection	10GXS Series 10GX Series	DataTwist 4800 Series	DataTwist 3600 Series	DataTwist 2400 Series MediaTwist Series	DataTwist 1200 Series
Connectivity Selection	10GX REVConnect Wall-Mount System	GigaBIX Cross-Connect			BIX and 110 Cross-Connect
	10GX Modular Patch Panels 10GX Modular Jacks 10GX Modular Patch Cords	CAT6+ Modular Patch Panels CAT6+ Modular Jacks CAT6+ Modular Patch Cords			CAT5E Modular Patch Panels CAT5E Modular Jacks CAT5E Modular Patch Cords
	REVConnect, KeyConnect, and Flex Modular Patch Panels MediaFlex, KeyConnect, Interface and MDVO Outlet Hardware *(Configurable with appropriate modules)*				

Belden Shielded Systems – Performance and Component Selection Matrix

Shielded System	10GX Shielded System	2400 Shielded System	1200 Shielded System
Performance Standard	Category 6A	Category 6	Category 5e
Available Bandwidth	625 MHz	250 MHz	160 MHz
Cable Selection	10GX Shielded Series	2400 Shielded Series	1200 Shielded Series
Connectivity Selection	10GX Shielded Modular Jacks 10GX Shielded Modular Patch Cords	CAT6+ Shielded Modular Jacks CAT6+ Shielded Modular Patch Cords	CAT5E Shielded Modular Jacks CAT5E Shielded Modular Patch Cords
	REVConnect, KeyConnect, and Flex Modular Patch Panels MediaFlex Faceplates, KeyConnect Faceplates and Adapters *(Configurable with appropriate modules)*		

REVConnect Modules are compatible with KeyConnect footprints

Best-in-Class Support and Warranties*

All Belden Systems are backed by expert service and technical support, and a commitment to delivering high-performance, reliable transmission solutions. Belden backs certified systems with two unique, best-in-class warranties for complete peace of mind: a 25-Year Product Warranty and a Lifetime Application Assurance Program. From the date of installation, the 25-Year Product Warranty warrants against defects in materials and workmanship, and guarantees that components meet or exceed all applicable standards. Under the Lifetime Application Assurance Program, Belden warrants that each certified System will deliver its specified throughput rate and minimum bandwidth capabilities, and be capable of operating the applications that the system was originally designed to support, as well as any new applications, for the lifetime of the installed system.

*When installed by a Belden Certified Partner

Contact Belden Today

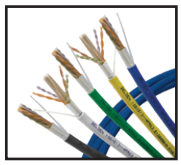
For more information about the Belden Copper Systems, call **1.800.BELDEN.1** (800.235.3361) or visit **www.belden.com**.

Belden Copper System components include several innovative technologies designed to ensure cost-effective, easy deployment and maximum performance and reliability, while meeting current and future needs for capacity and scalability.

Top-Quality Flagship Innovations Provide the Ultimate Value

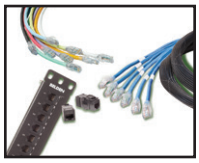
Belden Bonded-Pair Cables

Available for each Copper System, Belden Bonded-Pair Cables feature a patented design that bonds the individual conductors along their longitudinal axis for extremely uniform spacing that maintains pair geometry and consistent electrical performance. With higher pulling tensions and tighter bend radii, Belden Bonded-Pair Cables are better suited to withstand the rigors of real-world installations and accommodate high-density data center applications that experience a great deal of cable bending in and around patch panels. Because Belden Bonded-Pair Cables avoid gaps along the twisted pairs, they provide improved return loss and balance performance that makes them less susceptible to electromagnetic and radio frequency interference (EMI/RFI) in noisy environments. This innovative Belden technology is ideal for high-frequency 10G and broadband video applications, as well as any mission-critical situations where dropped signals are not an option.



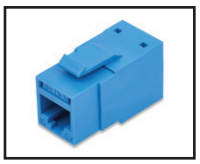
Pre-Terminated Assemblies Systems

REVConnect Pre-Term Assemblies provide a rapid deployment infrastructure solution for today's data centers and enterprise LANs, with a compact copper pre-term bundle OD. They save time on the long process of field termination and offer a more cost-effective, proven-quality and flexible plug-and-play solution. REVConnect Pre-Terminated Assemblies, using our unique Bonded Pairs cable, are terminated with our award-winning REVConnect termination. Universal Core can be terminated with Jack or RJ45 Plug, providing a versatile solution to End Users. Compact Pulling Eye OD, makes pulling the cable easier for contractors during installation. Enable faster and more efficient deployment when paired with out REVConnect Preloaded Patch Panels. Providing a true Plug & Play and MAC-Friendly solution. (MAC = Moves added and Changes) Future-proofing your network for high-bandwidth applications. They can be deployed in Plenum space to link Wireless Access Points to Consolidation, or to Workstation area.



REVConnect Modularity

Our REVConnect modules feature the same footprint as our existing KeyConnect line, allowing them to be used with our existing line of patch panels, faceplates, adapters and boxes. REVConnect jacks are available in 10GX, CAT6+, and CAT5E, shielded and unshielded, to suit any network performance level.



Each modular component of the REVConnect and KeyConnect series fits together seamlessly to accommodate any application—from the data center to the workstation. Designed with superior signal transmission performance, REVConnect and KeyConnect Modules can be easily inserted and removed from any keystone-style opening, providing design flexibility, reduced installation time and the ability to reconfigure as needs change. For data centers and telecommunications rooms, modular KeyConnect Patch Panels can be preloaded or configured using any REVConnect or KeyConnect Modules for any level of density, including a 48-port/1U configuration. The modules can also be used with front-loading Belden MediaFlex Outlets for mixing and matching with Multimedia Modules. REVConnect and KeyConnect components come in a variety of colors and styles, including more than 19 colors of jacks, stainless steel faceplates, single-gang and double-gang configurations, and boxes equipped with protective shutters.

Best Design and Installation Partners

Well positioned as a leading single-source provider, Belden's PartnerAlliance program is a top-quality global network consisting of fully trained Certified System Vendors (CSVs), Networking and AV installation partners. Belden recruits and qualifies only the best partners to design, deliver and install certified systems backed by our industry-leading warranties. Belden invests heavily in evaluating, training and qualifying our partners so they have the knowledge and expertise necessary to ensure that the design and installation of each Belden system is optimized for the required standards, technology environment and lifespan of the network.

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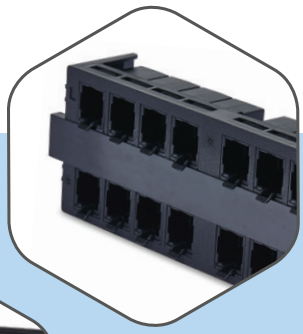
SECTION ONE

Category 6A (10GX) System



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The copper cabling system that does it all, the 10GX Category 6A System supports the most demanding current and future high-end applications with performance beyond the Category 6A standard. The system is comprised of 10GX System Cables (either 10GXS or 10GX), preloaded or modular 10GX Patch Panels, 10GX Modular Jacks and 10GX Modular Patch Cords. Together, these components form an end-to-end system that guarantees 625 MHz of usable bandwidth to support full implementation of 10GBASE-T applications and broadband video at 860 MHz. 10GX Systems are also designed with PoE in mind to supply up to 100W of power to various devices, such as sensors, POS systems and security cameras. A truly long-term investment, the 10GX System is designed to outlast several equipment and application upgrades.

The 10GX System is available in a 10GX Pre-Terminated System that features proven modular components with superior performance and intuitive plug-and-play installation for saving significant time and money. For cross-connect and interconnect systems, the 10GX REVConnect Wall-Mount System is a high-performance, space-saving modular connection system. For harsher EMI environments, the 10GX Shielded System and the 10GX Shielded Pre-Terminated System provide a higher degree of noise immunity in a true end-to-end shielded system that maintains shielding integrity throughout the entire system.

10GX System is based on Belden's innovative enabling technologies.

REVConnect technology, revolutionary connectivity that features insulation piercing contacts for a stable and reliable termination, superior electrical performance and high PoE support.

EquiSpline maintains structural integrity, which improves cable roundness and optimizes electrical performance.

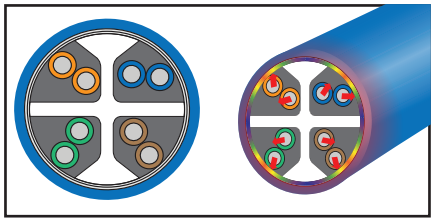
EquiBlock Barrier Technology improves heat transfer and blocks noise coupling.

Bonded-Pair technology offers uniform spacing of conductors for exceptional structural stability and superior electrical performance.

MatriX IDC technology positions each IDC at a right angle to its adjacent IDC to cancel out alien crosstalk and provide stable, high performance in high-density environments.

FleXPoint PCB technology positions the compensation circuitry in 10GX Modular Jacks directly at the plug's point of contact for better crosstalk performance.

Dual-Flex PCB technology in the RJ45 Coupler of 10GX Pre-Terminated Cabling Systems ensures an uninterrupted electrical path for enhanced reliability.



EquiSpline™ Design and EquiBlock™ Barrier Effects

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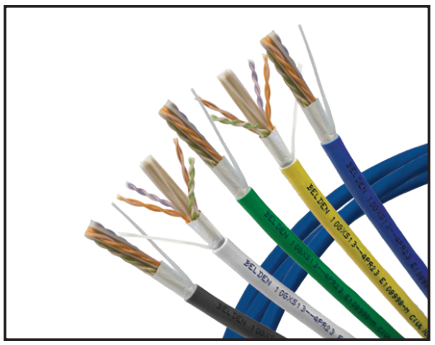
Category 6A, 10GXS Small-Diameter Cables

Nonbonded-Pair and Bonded-Pair



10GXS System Cable

The demand for 10G performance is growing. Emerging applications are poised to take advantage of higher 10G speeds and call for higher power delivered over the cable. With an effective diameter of just 0.265" for CMP and 0.273" for CMR, 10GXS Cables have proven performance that exceeds Category 6A requirements for 100 m channels. These cables are ideal for LANs and enterprise data centers that require high-density and high-bandwidth connections for current and emerging network applications.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Applications:

- 10GBASE-T Ethernet
- 1000BASE-T, 2.5G and 5G Ethernet
- PoE PSE Type 1 (15W), PSE Type 2 (30W) PSE Type 3 (60W), PSE Type 4 (100W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- Eliminates length de-rating up to 60°C for 10GBASE-
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)

Shaded part numbers indicate LP-Certified by UL

Category 6A, 10GXS Small-Diameter Cables

Description		Belden Part Number					
		Nonbonded-Pair			Bonded-Pair		
Color	Length	UnReel	Spool-in-Box	Spool	UnReel	Spool-in-Box	Spool
10GXS Small-Diameter Cables, UTP, 4-pair, 23 AWG, Plenum-CMP							
Red	1000 ft (305 m)	10GXS13002U1000	10GXS13002A1000	10GXS13 0021000	10GXS33002U1000	10GXS33002A1000	10GXS33 0021000
Orange	1000 ft (305 m)	10GXS13003U1000	10GXS13003A1000	10GXS13 0031000	10GXS33003U1000	10GXS33003A1000	10GXS33 0031000
Yellow	1000 ft (305 m)	10GXS13004U1000	10GXS13004A1000	10GXS13 0041000	10GXS33004U1000	10GXS33004A1000	10GXS33 0041000
Green	1000 ft (305 m)	10GXS13005U1000	10GXS13005A1000	10GXS13 0051000	10GXS33005U1000	10GXS33005A1000	10GXS33 0051000
Blue	1000 ft (305 m)	10GXS13D15U1000	10GXS13D15A1000	10GXS13 D151000	10GXS33D15U1000	10GXS33D15A1000	10GXS33 D151000
Purple	1000 ft (305 m)	10GXS13007U1000	10GXS13007A1000	10GXS13 0071000	10GXS33007U1000	10GXS33007A1000	10GXS33 0071000
Gray	1000 ft (305 m)	10GXS13008U1000	10GXS13008A1000	10GXS13 0081000	10GXS33008U1000	10GXS33008A1000	10GXS33 0081000
White	1000 ft (305 m)	10GXS13009U1000	10GXS13009A1000	10GXS13 0091000	10GXS33009U1000	10GXS33009A1000	10GXS33 0091000
Black	1000 ft (305 m)	10GXS13010U1000	10GXS13010A1000	10GXS13 0101000	10GXS33010U1000	10GXS33010A1000	10GXS33 0101000
10GXS Small-Diameter Cables, UTP, 4-pair, 23 AWG, Riser-CMR							
Red	1000 ft (305 m)	10GXS12002U1000	10GXS12002A1000	10GXS12 0021000	10GXS32002U1000	10GXS32002A1000	10GXS32 0021000
Orange	1000 ft (305 m)	10GXS12003U1000	10GXS12003A1000	10GXS12 0031000	10GXS32003U1000	10GXS32003A1000	10GXS32 0031000
Yellow	1000 ft (305 m)	10GXS12004U1000	10GXS12004A1000	10GXS12 0041000	10GXS32004U1000	10GXS32004A1000	10GXS32 0041000
Green	1000 ft (305 m)	10GXS12005U1000	10GXS12005A1000	10GXS12 0051000	10GXS32005U1000	10GXS32005A1000	10GXS32 0051000
Blue	1000 ft (305 m)	10GXS12006U1000	10GXS12006A1000	10GXS12 0061000	10GXS32006U1000	10GXS32006A1000	10GXS32 0061000
Purple	1000 ft (305 m)	10GXS12007U1000	10GXS12007A1000	10GXS12 0071000	10GXS32007U1000	10GXS32007A1000	10GXS32 0071000
Gray	1000 ft (305 m)	10GXS12008U1000	10GXS12008A1000	10GXS12 0081000	10GXS32008U1000	10GXS32008A1000	10GXS32 0081000
White	1000 ft (305 m)	10GXS12009U1000	10GXS12009A1000	10GXS12 0091000	10GXS32009U1000	10GXS32009A1000	10GXS32 0091000
Black	1000 ft (305 m)	10GXS12010U1000	10GXS12010A1000	10GXS12 0101000	10GXS32010U1000	10GXS32010A1000	10GXS32 0101000
10GXS Small-Diameter Cables, UTP, 4-pair, 23 AWG, LSZH							
Blue	1000 ft (305 m)	*	Available	Available	*	Available	Available
Purple	1000 ft (305 m)	*	Available	Available	*	Available	Available
Gray	1000 ft (305 m)	*	Available	Available	*	Available	Available
White	1000 ft (305 m)	*	Available	Available	*	Available	Available

LSZH 10GXS products will be available soon
*Not available

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6A, 10GX Cables

Nonbonded-Pair and Bonded-Pair

10GX Cable delivers performance that goes beyond the ANSI/TIA/EIA 568-C.2 Category 6A standard. When used as the horizontal cable within the Belden 10GX System, it provides 625 MHz of proven channel bandwidth and a data rate of 10G per second. This performance is made possible through the innovative RoundFleX™ design that reduces alien crosstalk by randomizing the distance between cables.

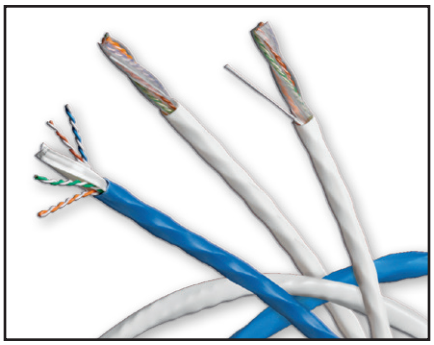
Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

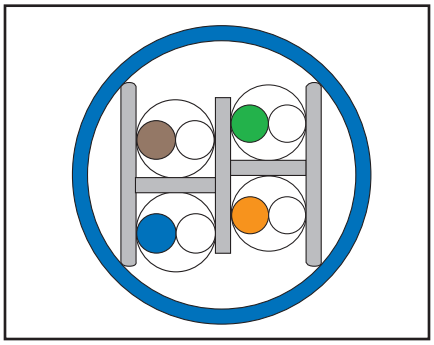
Applications:

- 10GBASE-T Full Power Implementation (IEEE 802.3an)
- 10GBASE-T Low Power Implementation (Short Reach Mode) (IEEE 802.3an)
- 1000BASE-T Applications (IEEE 802.3ab)
- PoE PSE Type 1 (15W), PSE Type 2 (30W) PSE Type 3 (60W), PSE Type 4 (100W)
- Broadband Video (CATV) and High Speed Internet (DOCSIS) over UTP up to 860 MHz

Shaded part numbers indicate LP-Certified by UL



10GX System Cable



Innovative RoundFleX Design

Category 6A, 10GX Cables

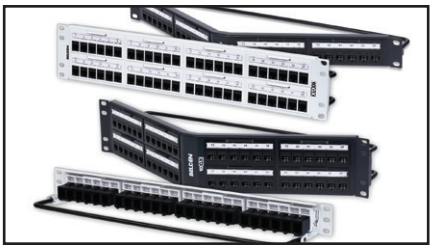
Description		Belden Part Number	
		Nonbonded-Pair	Bonded-Pair
Color	Length	Spool	Spool
10GX Cables, UTP, 4-pair, 23 AWG, Plenum-CMP			
Red	1000 ft (305 m)	Available	Available
Orange	1000 ft (305 m)	Available	Available
Yellow	1000 ft (305 m)	**10GX13 0041000**	**10GX33 0041000**
Green	1000 ft (305 m)	**10GX13 0051000**	Available
Blue	1000 ft (305 m)	**10GX13 D151000**	**10GX33 D151000**
Purple	1000 ft (305 m)	**10GX13 0071000**	Available
Gray	1000 ft (305 m)	**10GX13 0081000**	**10GX33 0081000**
White	1000 ft (305 m)	**10GX13 0091000**	**10GX33 0091000**
Black	1000 ft (305 m)	**10GX13 0101000**	Available
Black	1500 ft (458 m)	**10GX13 0101500**	Available
Yellow	2500 ft (762 m)	**10GX13 0042500**	Available
Blue	2500 ft (762 m)	**10GX13 D152500**	Available
10GX Cables, UTP, 4-pair, 23 AWG, Riser-CMR			
Red	1000 ft (305 m)	**10GX12 0021000**	Available
Orange	1000 ft (305 m)	**10GX12 0031000**	Available
Yellow	1000 ft (305 m)	**10GX12 0041000**	**10GX32 0041000**
Green	1000 ft (305 m)	**10GX12 0051000**	Available
Blue	1000 ft (305 m)	**10GX12 0061000**	**10GX32 0061000**
Purple	1000 ft (305 m)	**10GX12 0071000**	Available
Gray	1000 ft (305 m)	**10GX12 0081000**	**10GX32 0081000**
White	1000 ft (305 m)	**10GX12 0091000**	**10GX32 0091000**
Black	1000 ft (305 m)	**10GX12 0101000**	Available
Yellow	1500 ft (458 m)	**10GX12 0041500**	Available
White	1500 ft (458 m)	**10GX12 0091500**	Available
Black	1500 ft (458 m)	**10GX12 0101500**	Available
Blue	2500 ft (762 m)	**10GX12 0062500**	Available
10GX Cables, UTP, 4-pair, 23 AWG, LSZH			
Blue	1000 ft (305 m)	**10GX24 0061000**	**10GX44 0061000**
Purple	1000 ft (305 m)	**10GX24 0071000**	**10GX44 0071000**
White	1000 ft (305 m)	**10GX24 0091000**	**10GX44 0091000**

Spool-in-Box is available upon request.

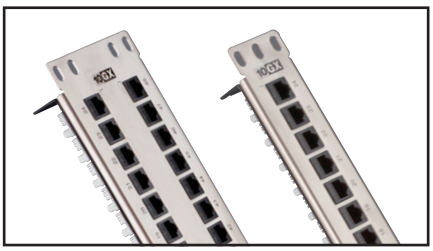
Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6A, 10GX Patch Panels

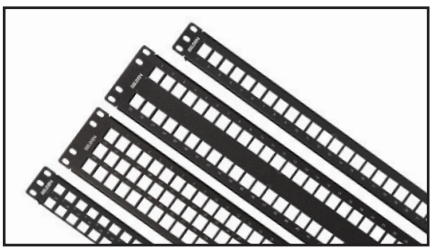
Preloaded and Modular



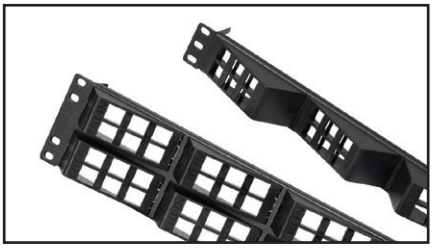
REVConnect Preloaded Patch Panels (10GX shown)



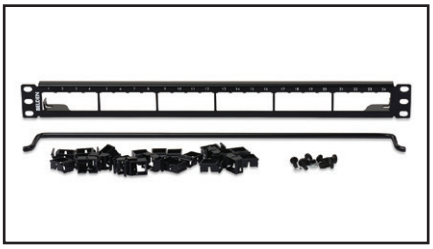
10GX KeyConnect Patch Panel (Preloaded)



KeyConnect Patch Panel (Empty)



KeyConnect AngleFlex Patch Panel (Empty)



KeyConnect Front Access Patch Panel, 24-port 1U (Empty)

10GX Patch Panels are available in REVConnect and KeyConnect styles, as well as Belden's unique AngleFlex design. Configurations include 24-port 1U, 48-port 2U and 48-port 1U in flat and angled designs. Preloaded panels are available with RJ45 jacks or couplers.

Benefits

- Performance up to 625 MHz
- Flat, Angled and AngleFlex options available
- Quick and easy termination with REVConnect termination tool (REVConnect patch panels)
- Front access options (REVConnect patch panels) for additional versatility

Features

- REVConnect Patch Panels feature Belden's revolutionary REVConnect core technology
- REVConnect Patch Panels are compatible with color icons and dust covers
- KeyConnect Patch Panels feature Belden's 10GX Connectors with FleXPoint PCB technology and MatriX IDC technology
- Single-port modularity on REVConnect and KeyConnect standard densities
- Labeling and cable management accessories included with all patch panels

Category 6A, 10GX Preloaded Patch Panels

Description	Belden Part Number	
	White	Black
10GX REVConnect Patch Panels (Preloaded)		
10GX REVConnect Patch Panel 24-port 1U (Preloaded)	RVAPPF1U24WH	RVAPPF1U24BK
10GX REVConnect Patch Panel 48-port 2U (Preloaded)	RVAPPF2U48WH	RVAPPF2U48BK
10GX REVConnect Angled Patch Panel 24-port 1U (Preloaded)	RVAPPA1U24WH	RVAPPA1U24BK
10GX REVConnect Angled Patch Panel 48-port 2U (Preloaded)	RVAPPA2U48WH	RVAPPA2U48BK
10GX KeyConnect Patch Panels (Preloaded)	Titanium	Black
10GX KeyConnect Patch Panel, 24-port 1U (Preloaded)	AX103254	—
10GX KeyConnect Patch Panel, 48-port 2U (Preloaded)	AX103256	—
10GX KeyConnect Angled Patch Panel, 48-port 1U (Preloaded)	—	AX105365
10GX Ultra-High-Density Patch Panels (Preloaded)	Titanium	
10GX Ultra-High-Density Patch Panel, 48-port 1U (Preloaded)	AX103264	—

Modular Patch Panels

Description	Belden Part Number
KeyConnect Modular Patch Panels (Empty)	Black
KeyConnect Patch Panel, 24-port, 1U (Empty)	AX103114
KeyConnect Patch Panel, 48-port, 2U (Empty)	AX103115
KeyConnect Patch Panel, 72-port, 2U (Empty)	AX103116
KeyConnect Patch Panel, 48-port, 1U (Empty)	AX103121
KeyConnect Angled Patch Panel, 24-port, 1U (Empty)	AX104599
KeyConnect Angled Patch Panel, 48-port, 2U (Empty)	AX104601
KeyConnect Angled Patch Panel, 48-port, 1U (Empty)	AX104600
KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)	AX103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)	AX103249

Front Access Modular Patch Panels and Accessories

Description	Belden Part Number
KeyConnect Front Access Patch Panels (Empty)	
KeyConnect Front Access Patch Panel, 24-port, 1U, Black (Empty)	AX106288
KeyConnect Front Access Patch Panel, 48-port, 2U, Black (Empty)	AX106289
KeyConnect Front Access Patch Panel, 72-port, 2U, Black (Empty)	AX106290
Labeling Kit (12 strips and LabelFlex sheets for 96 ports) (Empty)	AX106291
Spare Bezel Kit for Front Access Patch Panel, 24-Pack (Empty)	AX106292-B24

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6A, 10GX Connectors, Tools and Accessories

REVConnect, KeyConnect and MDVO

10GX Connectors are available in two termination styles: Belden's new REVConnect System and standard punchdown in KeyConnect or MDVO styles. REVConnect and KeyConnect have a keystone footprint and are designed to be used with any KeyConnect Patch Panels and with KeyConnect or MediaFlex Workstation Outlets.

Benefits

- REVConnect: Safe connectivity for air-handling spaces
- REVConnect: Offers great versatility and labor savings
- Easy termination and network administration

Features

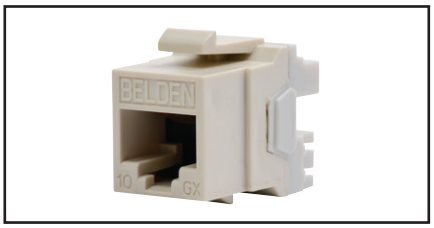
- REVConnect: Plenum rated - meets UL 2043 requirements
- REVConnect: Requires no pair separation; the best connector for Bonded-Pair and Nonbonded-Pair cable
- REVConnect: Terminates four pairs simultaneously with REVConnect Universal Termination Tool
- KeyConnect/MDVO offer 10GX enabling technologies: Matrix IDC, X-Bar and FleXPoint PCB
- Meets and exceeds Category 6A component performance with guaranteed usable bandwidth up to 625 MHz

REVConnect Jacks Available in 19 Colors

Category 6A, 10GX Modular Jacks

Description	Belden Part Number			
	REVConnect		Punchdown	
Color	Single Pack	Bulk Pack (24 Connectors)	KeyConnect	MDVO
Gray	RVAMJKUGY-S1	RVAMJKUGY-B24	AX102280	AX102269
Almond	RVAMJKUAL-S1	RVAMJKUAL-B24	AX102281	AX102270
Electric White	RVAMJKUEW-S1	RVAMJKUEW-B24	AX102282	AX102271*
Black	RVAMJKUBK-S1	RVAMJKUBK-B24	AX102283	AX102272
Ivory	RVAMJKUIV-S1	RVAMJKUIV-B24	AX103073	AX102562
Brown	RVAMJKUBR-S1	RVAMJKUBR-B24	AX104158	—
Red	RVAMJKURD-S1	RVAMJKURD-B24	AX104153	—
Orange	RVAMJKUOR-S1	RVAMJKUOR-B24	AX104152	—
Yellow	RVAMJKUYL-S1	RVAMJKUYL-B24	AX104154	—
Green	RVAMJKUGN-S1	RVAMJKUGN-B24	AX104155	—
Blue	RVAMJKUBL-S1	RVAMJKUBL-B24	AX104156	—
Purple	RVAMJKUPR-S1	RVAMJKUPR-B24	AX104157	—
TIA Brown	RVAMJKUTN-S1	RVAMJKUTN-B24	AX102290	AX102279
TIA Red	RVAMJKUTR-S1	RVAMJKUTR-B24	AX102285	AX102274
TIA Orange	RVAMJKUTO-S1	RVAMJKUTO-B24	AX102284	AX102273
TIA Yellow	RVAMJKUTY-S1	RVAMJKUTY-B24	AX102286	AX102275
TIA Green	RVAMJKUTG-S1	RVAMJKUTG-B24	AX102287	AX102276
TIA Blue	RVAMJKUTB-S1	RVAMJKUTB-B24	AX102288	AX102277
TIA Purple	RVAMJKUTP-S1	RVAMJKUTP-B24	AX102289	AX102278

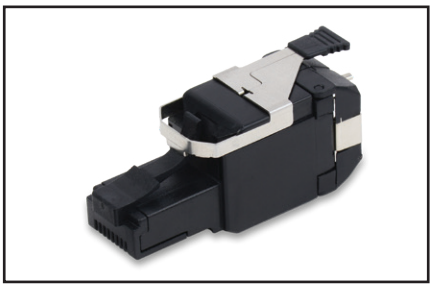
*MDVO style jack is white. Color-coded icons and other accessories are available on page 64 and 65.



AX102281, 10GX KeyConnect Modular Jack

10GX REVConnect Plugs, Tools and Accessories

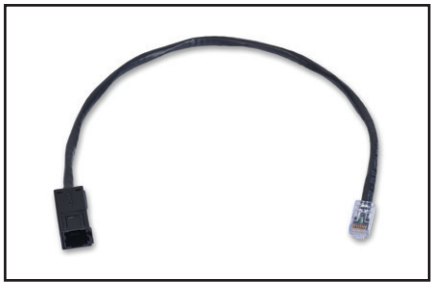
Description	Single Pack	Bulk Pack
10GX REVConnect Plugs		
10GX UTP REVConnect Plug, Black	RVAFPUBK-S1	RVAFPUBK-B24
10GX STP REVConnect Plug	RVAFPSME-S1	RVAFPSME-B24
10GX UTP REVConnect FlexPlug, Black	RVAFFPUBK18-S1	—
10GX UTP REVConnect FlexPlug, Electric White	RVAFFPUEW18-S1	—
REVConnect Termination Tool and Accessories		
Universal Termination Tool	RVUTT01	—
Tool Blade Replacement Set	RVUTB01	—
Tool Belt Clip	RVUTC01	—
Replacement Cable Prep Tool	RVUCT01	—
REVConnect Spare Cores		
Replacement Caps and Cable Managers, 50 in pack	—	RVUCOEW-B50



RVAFPUBK-S1, 10GX REVConnect Field-Mount UTP Plug

KeyConnect/MDVO Replacement X-Bars

Description	Belden Part Number
Replacement X-Bars, bag of 24 pieces	PX103838R



RVAFFPUBK18-S1, 10GX REVConnect FlexPlug

Category 6A, 10GX Modular Patch Cords

Bonded-Pair

10GX Modular Cords

10GX Modular Patch Cords are designed based on a patented plug management bar that allows for excellent control of internal plug NEXT. Bonded-Pair design offers very good alien crosstalk performance while maintaining important mechanical characteristics, such as flexibility. With a very small footprint, they are fully compatible with the highest-density hubs that utilize RJ45 jack connections.

Benefits

- Meets and exceeds Category 6A component performance with guaranteed usable bandwidth up to 625 MHz
- Maximum return loss (RL) performance under all patching conditions
- Superior ruggedness and durability

Category 6A, 10GX Modular Patch Cords

Description	Belden Part Number					
	Bonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
10GX Modular Patch Cords, UTP, 4-pair, 24 AWG Solid, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	CA21104002	CA21105002	CA21106002	CA21108002	CA21109002	CA21100002
4 ft (1.2 m)	CA21104004	CA21105004	CA21106004	CA21108004	CA21109004	CA21100004
7 ft (2.1 m)	CA21104007	CA21105007	CA21106007	CA21108007	CA21109007	CA21100007
10 ft (3.0 m)	CA21104010	CA21105010	CA21106010	CA21108010	CA21109010	CA21100010
15 ft (4.6 m)	CA21104015	CA21105015	CA21106015	CA21108015	CA21109015	CA21100015
25 ft (7.6 m)	CA21104025	CA21105025	CA21106025	CA21108025	CA21109025	CA21100025
XXX ft	CA21104XXX	CA21105XXX	CA21106XXX	CA21108XXX	CA21109XXX	CA21100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6A, Tailored 10GX Modular Patch Cords

CA

Performance	
CA	Category 6A (10GX)

21

Cable	
21	UTP, Bonded-Pair, 24 AWG Solid, CMR
22	UTP, Bonded-Pair, 24 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors				
01	Brown			
02	Red		12	TIA Red
03	Orange		13	TIA Orange
04	Yellow		14	TIA Yellow
05	Green		15	TIA Green
06	Blue		16	TIA Blue
07	Purple		17	TIA Purple
08	Gray			
09	White			
00	Black			

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

CA21106007 – 10GX Patch Cord, UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

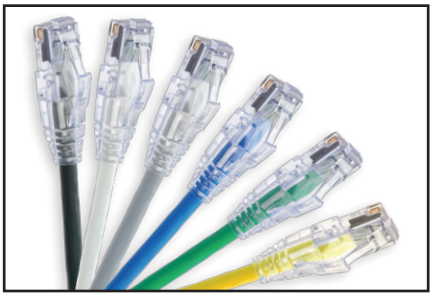
Category 6A, Small-Diameter Patch Cords

Nonbonded-Pair (28 AWG)

Small-Diameter Patch Cords offer a great solution for large data center cross-connects and server enclosures, as well as for enterprise networks installed in crowded telecom rooms. The 28 AWG stranded conductors provide standards-compliant performance when up to 20.7 ft (6.3 m) of patch cord is used in a standard 295 ft (90 m) channel.

Benefits

- Reduces congestion and allows tight bend radius and improve airflow
- Easier access for maintenance
- Improves overall network administration



Small-Diameter Patch Cords

Category 6A, Small-Diameter Patch Cords

Description	Belden Part Number					
	Nonbonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
Small-Diameter Patch Cord, UTP, 28 AWG Stranded, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	CAD1104002	CAD1105002	CAD1106002	CAD1108002	CAD1109002	CAD1100002
4 ft (1.2 m)	CAD1104004	CAD1105004	CAD1106004	CAD1108004	CAD1109004	CAD1100004
7 ft (2.1 m)	CAD1104007	CAD1105007	CAD1106007	CAD1108007	CAD1109007	CAD1100007
10 ft (3.0 m)	CAD1104010	CAD1105010	CAD1106010	CAD1108010	CAD1109010	CAD1100010
15 ft (4.6 m)	CAD1104015	CAD1105015	CAD1106015	CAD1108015	CAD1109015	CAD1100015
20 ft (6.1 m)	CAD1104020	CAD1105020	CAD1106020	CAD1108020	CAD1109020	CAD1100020
XXX ft	CAD1104XXX	CAD1105XXX	CAD1106XXX	CAD1108XXX	CAD1109XXX	CAD1100XXX

Use XXX to specify length in feet - 001-050 ft in increments of 1 ft.

Other colors available with minimum order quantity (may require longer lead times.) Call customer service for additional information. Longer lengths available.

Category 6A, Tailored Small-Diameter Patch Cords

CA

Performance	
CA	Category 6A (10GX)

D1

Cable	
D1	UTP, Nonbonded-Pair, 28 AWG Stranded, CMR

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors	
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet - 001-050 ft in increments of 1 ft.

Example:

CAD1106007 – Small-Diameter Patch Cord, UTP, Nonbonded-Pair, 28 AWG Stranded, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Category 6A, 10GX Traceable Patch Cords

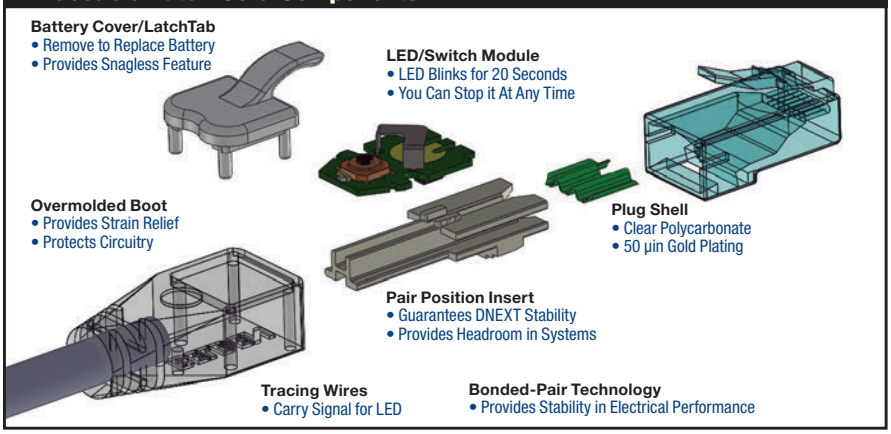
Bonded-Pair

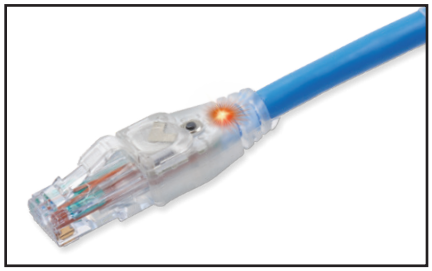
10GX Traceable Patch Cords feature a highly efficient, bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, the LED blinks for 20 seconds and can be stopped at any time with a second press of the button. The LED and its tracing wires are integrated right into the patch cord, eliminating the need for a separate power source.

Features

- Bonded-Pair technology for extra robustness, performance and reliability
- Bar code tagging on each end of the cord is compatible with DCIM systems
- Low-profile plug boot supports ultra-high-density 48-port 1U patch panels
- 100% factory tested and certified

Traceable Patch Cord Components





10GX Traceable Patch Cord

Category 6A, 10GX Traceable Patch Cords

Description	Belden Part Nuber					
	Bonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
10GX Traceable Patch Cords, UTP, 4-Pair, 24 AWG Solid, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	CAT1104002	CAT1105002	CAT1106002	CAT1108002	CAT1109002	CAT1100002
4 ft (1.2 m)	CAT1104004	CAT1105004	CAT1106004	CAT1108004	CAT1109004	CAT1100004
7 ft (2.1 m)	CAT1104007	CAT1105007	CAT1106007	CAT1108007	CAT1109007	CAT1100007
10 ft (3.0 m)	CAT1104010	CAT1105010	CAT1106010	CAT1108010	CAT1109010	CAT1100010
15 ft (4.6 m)	CAT1104015	CAT1105015	CAT1106015	CAT1108015	CAT1109015	CAT1100015
25 ft (7.6 m)	CAT1104025	CAT1105025	CAT1106025	CAT1108025	CAT1109025	CAT1100025
XXX ft	CAT1104XXX	CAT1105XXX	CAT1106XXX	CAT1108XXX	CAT1109XXX	CAT1100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6A, Tailored 10GX Traceable Patch Cords

CA

Performance	
CA	Category 6A (10GX)

T1

Cable	
T1	Traceable, UTP, Bonded-Pair, 24 AWG Solid, CMR

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors			
01	Brown		
02	Red	12	TIA Red
03	Orange	13	TIA Orange
04	Yellow	14	TIA Yellow
05	Green	15	TIA Green
06	Blue	16	TIA Blue
07	Purple	17	TIA Purple
08	Gray		
09	White		
00	Black		

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

CAT1106007 – 10GX Traceable Patch Cord, UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

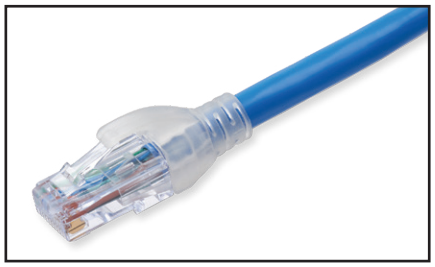
Category 6A, 10GX Modular Pigtails

Nonbonded-Pair and Bonded-Pair

10GX Modular Pigtails are available in both Bonded-Pair and Nonbonded-Pair cable styles for field installation preferences. They are available in dark and TIA/EIA-606 standard colors, and feature a snagless overmolded boot for high-performing strain relief. All performance characteristics have been set to guarantee transmission performance up to 625 MHz.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability
- Meets and exceeds Category 6A component performance with guaranteed usable bandwidth up to 625 MHz



10GX Modular Pigtail (connector end)

10GX Modular Pigtail

Category 6A, 10GX Modular Pigtails

Description	Belden Part Number		
	Nonbonded-Pair		
Length	Blue	Gray	White
10GX Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568A-Open, Plenum-CMP			
15 ft (4.6 m)	CA32206015	CA32208015	CA32209015
25 ft (7.6 m)	CA32206025	CA32208025	CA32209025
35 ft (10.6 m)	CA32206035	CA32208035	CA32209035
50 ft (15.2 m)	CA32206050	CA32208050	CA32209050
XXX ft	CA32206XXX	CA32208XXX	CA32209XXX
10GX Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568A-Open, Riser-CMR			
15 ft (4.6 m)	CA31206015	CA31208015	CA31209015
25 ft (7.6 m)	CA31206025	CA31208025	CA31209025
35 ft (10.6 m)	CA31206035	CA31208035	CA31209035
50 ft (15.2 m)	CA31206050	CA31208050	CA31209050
XXX ft	CA31206XXX	CA31208XXX	CA31209XXX
10GX Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568B-Open, Plenum-CMP			
15 ft (4.6 m)	CA32306015	CA32308015	CA32309015
25 ft (7.6 m)	CA32306025	CA32308025	CA32309025
35 ft (10.6 m)	CA32306035	CA32308035	CA32309035
50 ft (15.2 m)	CA32306050	CA32308050	CA32309050
XXX ft	CA32306XXX	CA32308XXX	CA32309XXX
10GX Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568B-Open, Riser-CMR			
15 ft (4.6 m)	CA31306015	CA31308015	CA31309015
25 ft (7.6 m)	CA31306025	CA31308025	CA31309025
35 ft (10.6 m)	CA31306035	CA31308035	CA31309035
50 ft (15.2 m)	CA31306050	CA31308050	CA31309050
XXX ft	CA31306XXX	CA31308XXX	CA31309XXX

Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6A, Tailored 10GX Modular Pigtails

CA

Performance	
CA	Category 6A (10GX)

31

Cable	
21	UTP, Bonded-Pair, 24 AWG Solid, CMR
22	UTP, Bonded-Pair, 24 AWG Solid, CMP
31	UTP, Nonbonded-Pair, 24 AWG Solid, CMR
32	UTP, Nonbonded-Pair, 24 AWG Solid, CMP

3

Termination	
2	T568A-Open
3	T568B-Open

06

Colors				
01	Brown			
02	Red		12	TIA Red
03	Orange		13	TIA Orange
04	Yellow		14	TIA Yellow
05	Green		15	TIA Green
06	Blue		16	TIA Blue
07	Purple		17	TIA Purple
08	Gray			
09	White			
00	Black			

030

Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:

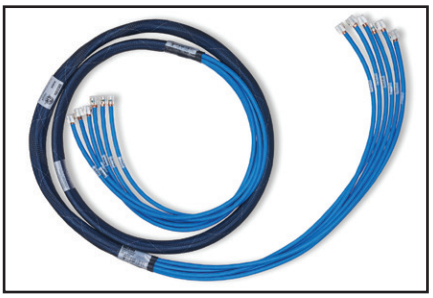
Use XXX to specify length in feet 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

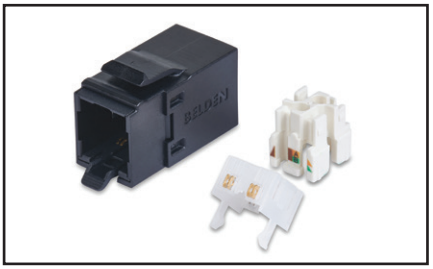
CA31306030 – 10GX Pigtail, UTP, Nonbonded-Pair, 24 AWG Solid, CMR, T568B-Open, Blue, 30 ft (9.5 m)

Category 6A, 10GX REVConnect Pre-Terminated Cabling System

Couplers and Cable Assemblies



10GX REVConnect Pre-Terminated Cable Assemblies



10GX REVConnect Coupler

The 10GX Pre-Terminated Cabling System guarantees Category 6A performance and headroom without tradeoffs or compromises on performance or reliability.

Proven modular components are the cornerstone of the system, including 10GX REVConnect Pre-Term Assemblies and 10GX REVConnect Couplers, Jacks and/or RJ45 Plugs. Bonded-Pair technology ensures that the cable assemblies offer exceptional structural stability and unfailing electrical performance. The patented Dual-FleX design ensures controlled plug/jack mated connections on both sides of the coupler. This provides an uninterrupted electrical path for superior connector reliability and transmission performance.

10GX REVConnect Preloaded Patch Panels

Description	Belden Part Number	
10GX Preloaded Patch Panels	**Black**	**White**
10GX REVConnect Patch Panel 24-port, 1U (Preloaded)	**RVAPPF1U24WH**	**RVAPPF1U24BK**
10GX REVConnect Patch Panel 48-port, 2U (Preloaded)	**RVAPPF2U48WH**	**RVAPPF2U48BK**
10GX REVConnect Angled Patch Panel 24-port, 1U (Preloaded)	**RVAPPA1U24WH**	**RVAPPA1U24BK**
10GX REVConnect Angled Patch Panel 48-port, 2U (Preloaded)	**RVAPPA2U48WH**	**RVAPPA2U48BK**

Category 6A, 10GX RJ45 Couplers

Description	Belden Part Number
10GX REVConnect Coupler Black T568A/B (includes 1 core)	**RVACPKUBK-S1**
10GX REVConnect Coupler Black T568A/B Bulk Pack (includes 24 cores)	**RVACPKUBK-B24**

Category 6A, 10GX REVConnect Pre-Terminated Assemblies

C	B	06	A	U	C	T	R	B	006

Bundle Type	
B	Braided Sleeve
N*	No Sleeve, Single Cable, Core to Core

# of Cables	
01	1 Cable
06	6 Cables
08	8 Cables
12	12 Cables

Category	
6	Cat6
A	Cat6A

Unshielded/ Shielded	
U	UTP

Termination Type	
C	RC Core to Core
1	RC Core to RJ45 Plug
3	RC Core to Open

Wiring Scheme	
T	T568A/B–T568A/B
A	T568A-OPEN
B	T568B-OPEN

Fire Rating	
R	Riser
P	Plenum

Colors	
B	Blue
S	Gray
W	White
N	Black

Length	
006	6 ft (1.8 m)
007	7 ft (2.1 m)
008	8 ft (2.4 m)
009	9 ft (2.7 m)
010	10 ft (3 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

*Selection N is only available with **01**=1 Cable and **C**=Core to Core in length in feet 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

CB06AUCTRB006 – 10GX REVConnect Pre-Terminated Trunk, Braided Sleeve, 6 Cables, CAT6A, Unshielded, Core to Core, T568A/B, Riser, Blue Jacket, 6 ft

Call Interstate Wire Co., Inc. - (800) 527-0010

Faster.
Easier.
Better.

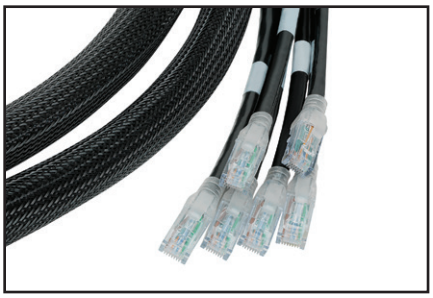
Category 6A, 10GX Pre-Terminated Cabling System

Patch Panels, Couplers and Cable Assemblies

The 10GX Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6A performance and headroom, without the need for tradeoffs or compromise in performance and reliability.

Proven modular components are the cornerstone of the systems, including 10GX Pre-Terminated Cable Assemblies and 10GX RJ45 Modular Couplers. These components rely on unique enabling technologies: Bonded-Pair ensure that the cable assemblies boast exceptional structural stability and unfailing electrical performance while the patented Dual-FleX design ensures controlled plug/jack mated connection on both sides of the coupler to provide an uninterrupted electrical path for superior connector reliability and transmission performance.

With simple planning, easy ordering and rapid delivery, the 10GX Pre-Terminated Cabling System can reduce installation time and labor costs by as much as 90%. In addition, this system supports plug-and-play installation and component reusability, resulting in lower installed costs and less waste.

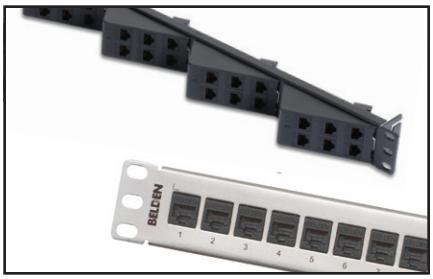


10GX Pre-Terminated Cable Assemblies

Category 6A, 10GX Preloaded Coupler Patch Panels

Description	Belden Part Number	
10GX KeyConnect Coupler Patch Panels (Preloaded)	**Titanium**	**Black**
10GX KeyConnect Coupler Patch Panel, 24-port, 1U, Titanium (Preloaded)	**AX104141**	—
10GX KeyConnect Coupler Patch Panel, 48-port, 2U, Titanium (Preloaded)	**AX104142**	—
10GX KeyConnect Coupler Patch Panel, 48-port, 1U, Titanium (Preloaded)	**AX104592**	—
10GX KeyConnect AngleFlex Coupler Patch Panel, 24-port,1U, Black (Preloaded)	—	**AX104569**
10GX KeyConnect AngleFlex Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	—	**AX104571**
10GX KeyConnect Angled Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	—	**AX105300**
10GX KeyConnect Angled Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	—	**AX105301**
10GX KeyConnect Angled Coupler Patch Panel, 48-port, 1U, Black (Preloaded)	—	**AX105348**
10GX KeyConnect Vertical Mount Patch Panel (Preloaded)		
10GX KeyConnect Vertical Mount Patch Panel, 8-port, Black (Preloaded)	—	**AX105366***

Empty Patch Panels can be used when colored couplers are used
*Mount in XZUK01 and XZUK02 brackets

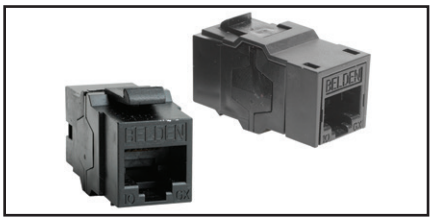


10GX KeyConnect Patch Panels (Preloaded)

Category 6A, 10GX KeyConnect RJ45 Couplers

Belden Part Number						
Orange	Red	Yellow	Green	Blue	White	Black
AX104015	AX104016	AX104017	AX104018	AX104019	AX104023	AX104024

Complete the 10GX Pre-Terminated System with 10GX Modular Patch Cords; see page 13 for ordering information.



10GX RJ45 Coupler

Category 6A, 10GX Pre-Terminated Trunks

CA	21	1	06	020	A06

Performance	
CA	Category 6A (10GX)

Cable	
21	UTP, Bonded-Pair, 24 AWG Solid, CMR
22	UTP, Bonded-Pair, 24 AWG Solid, CMP

Termination	
1	T568A/B-T568A/B

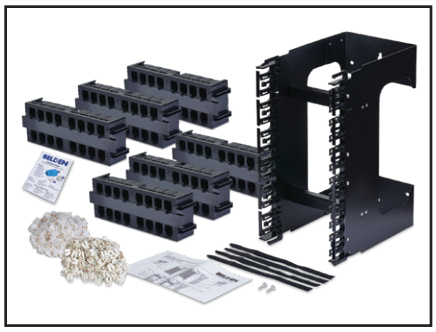
Colors	
06	Blue
08	Gray
09	White
00	Black

Length	
006	6 ft (1.8 m)
007	7 ft (2.1 m)
008	8 ft (2.4 m)
009	9 ft (2.7 m)
010	10 ft (3 m)
XXX	XXX ft

# of Cables	
A06	6 Cables
A08	8 Cables

Notes:
Use XXX to specify length in feet 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. If length is longer than 220 ft, 23 AWG cables are used.
Other colors available upon request.

Example:
CA21106020A06 – 10GX Pre-Terminated Trunk (bundle six cables), UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 20 ft (6 m)

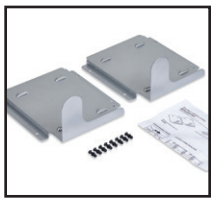


10GX REVConnect Wall-Mount Termination Kit Coupler 96-Port

10GX REVConnect Wall-Mount Termination Module Jack 16-Port

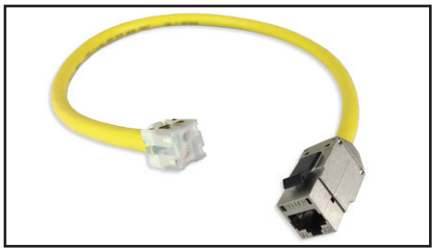
REVConnect Wall-Mount Patch Cable Management Channel

REVConnect Wall-Mount Cable Dressing Module



REVConnect Wall-Mount Horizontal Channel Kit

10GX REVConnect Coupler



REVConnect Core Test Adapter

Category 6A, 10GX REVConnect Wall-Mount System

Connecting Components, Accessories, X-Connect Cables and Frames

The 10GX REVConnect Wall-Mount System is a very high-density, flexible cross-connect system that meets Category 6A performance when using 10GXS Cable terminated with REVConnect Cores as jumpers between user and equipment ports. As the basic component of the system, the REVConnect Coupler (core-to-core connector) is surrounded by cable dressing and patch cable management accessories. When used in a "cut-to-length" fashion (10GXS Cable + cores), the 10GX REVConnect Wall-Mount System provides installed cost savings of up to 40% compared to other Category 6A wall-mount cross-connect systems, and reduces operating costs by over 45% by allowing higher termination density and eliminating patch cord slack management.

Category 6A, 10GX REVConnect Wall-Mount System

Description	Belden Part Number
Termination Kits	
10GX REVConnect Wall-Mount Termination Kit Coupler 96-Port (includes 100 cores)	**RVAXCTK96CBK**
10GX REVConnect Wall-Mount Termination Module Coupler 16-Port (includes 16 cores)	**RVAXCTM16CBK**
10GX REVConnect Wall-Mount Termination Kit Jack 96-Port (includes 100 cores)	**RVAXCTK96JBK**
10GX REVConnect Wall-Mount Termination Module Jack 16-Port (includes 16 cores)	**RVAXCTM16JBK**
Mounts	
REVConnect Wall-Mount Connectivity Mount 96-Port (empty)	**RVUXCMT96E**
REVConnect Wall-Mount Connectivity Module 16-Port (empty)	**RVUXCCM16E**
Cable Management Accessories	
REVConnect Wall-Mount Cable Dressing Module	**RVUCADM**
REVConnect Wall-Mount Patch Cable Management Channel	**RVUPCMC**
REVConnect Wall-Mount Horizontal Channel Kit	**RVUHOCK**
REVConnect Couplers	
10GX REVConnect Coupler Black T568A/B (includes 1 core)	**RVACPKUBK-S1**
10GX REVConnect Coupler Black T568A/B Bulk Pack (includes 25 cores)	**RVACPKUBK-B24**
10GX REVConnect Spare Cores, 50 in pack	**RVUCOEW-B50**
Cross-Connect Cables	
10GXS Small-Diameter Cables, UTP 4-Pair, 23 AWG, Riser-CMR, Nonbonded-Pair (various colors available)	**10GXS12XXXA1000**
10GXS Small-Diameter Cables, UTP 4-Pair, 23 AWG, Riser-CMR, Bonded-Pair (various colors available)	**10GXS32XXXA1000**

Use XXX to specify color of cable. See color selector below for available colors.

REVConnect Coupler Test Adapter	
REVConnect Coupler Test Adapter	**RVUTA01**

Color Selector	
002	Red
003	Orange
004	Yellow
005	Green
D15	Blue
007	Purple
008	Gray
009	White
010	Black

Call Interstate Wire Co., Inc. - (800) 527-0010
1.800.BELDEN.1 (800.235.3361)
www.belden.com

Category 6A, 10GX Shielded Cables

Nonbonded-Pair and Bonded-Pair

The 10GX Shielded System provides 625 MHz of proven channel bandwidth and a data rate of 10G per second. With a thick, 100% coverage foil shield, your 10G of data is protected from harsh EMI environments.

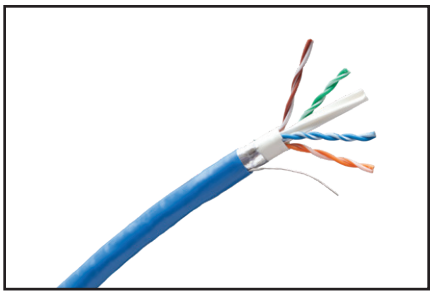
Adding a shield to a high-performance Category 6A cable is not as easy as it seems. Any metallic shield changes the electrical performance of the cable; if the shield is not smooth, performance becomes unpredictable. Our design utilizes an inner and outer jacket to sandwich the foil into having a smooth surface. This eliminates adverse PSNEXT and RL effects seen with most other 10G cable products.

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Applications:

- 10GBASE-T, and any other Ethernet application in high-noise environments (EMI)
- 10GBASE-T Full Power Implementation (IEEE 802.3an)
- 10GBASE-T Low Power Implementation (Short Reach Mode) (IEEE 802.3an)
- 1000BASE-T Applications (IEEE 802.3ab)
- PoE PSE Type 1 (15W), PSE Type 2 (30W) PSE Type 3 (60W), PSE Type 4 (100W)
- Broadband Video (CATV) and High Speed Internet (DOCSIS) over UTP up to 860 MHz

LP Shaded part numbers indicate LP-Certified by UL



10GX Shielded Cable

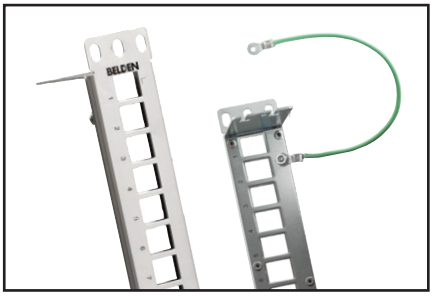
Category 6A, 10GX Shielded Cables

Description		Belden Part Number	
		Nonbonded-Pair	Bonded-Pair
Color	Length	Spool	Spool
10GX Shielded Cables, F/UTP, 4-pair, 23 AWG, Plenum-CMP			
Red	1000 ft (305 m)	Available	Available
Orange	1000 ft (305 m)	Available	Available
Yellow	1000 ft (305 m)	**10GX53F 0041000**	**10GX63F 0041000**
Green	1000 ft (305 m)	Available	Available
Blue	1000 ft (305 m)	**10GX53F D151000**	**10GX63F D151000**
Purple	1000 ft (305 m)	Available	Available
Gray	1000 ft (305 m)	**10GX53F 0081000**	**10GX63F 0081000**
White	1000 ft (305 m)	**10GX53F 0091000**	**10GX63F 0091000**
Black	1000 ft (305 m)	**10GX53F 0101000**	**10GX63F 0101000**
10GX Shielded Cables, F/UTP, 4-pair, 23 AWG, Riser-CMR			
Red	1000 ft (305 m)	Available	Available
Orange	1000 ft (305 m)	Available	Available
Yellow	1000 ft (305 m)	**10GX52F 0041000**	**10GX62F 0041000**
Green	1000 ft (305 m)	Available	Available
Blue	1000 ft (305 m)	**10GX52F 0061000**	**10GX62F 0061000**
Purple	1000 ft (305 m)	Available	Available
Gray	1000 ft (305 m)	**10GX52F 0081000**	**10GX62F 0081000**
White	1000 ft (305 m)	**10GX52F 0091000**	**10GX62F 0091000**
Black	1000 ft (305 m)	**10GX52F 0101000**	**10GX62F 0101000**

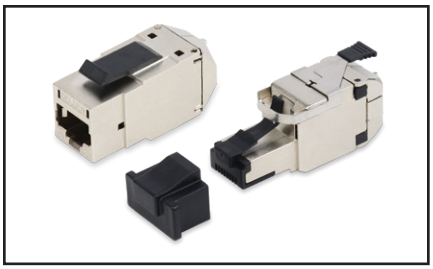
Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6A, 10GX Shielded System

Patch Panels, Jacks, Plugs and Patch Cords



10GX Shielded Modular Patch Panel (Empty)



10GX Shielded REVConnect Modular Jack and Plug

10GX Shielded Modular Patch Cords

10GX Shielded Patch Panels are robust, all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for data center and teleco room installations. They come with a ground wire to guarantee shielding integrity (per ANSI/TIA-607-C) and cable management brackets for neat cable dressing. They can be configured using 10GX Shielded Modular Jacks available in REVConnect and KeyConnect styles.

The 10GX REVConnect module is a rugged, easy-to-install connector. Its termination features a universal core that accepts a jack or plug to support connections in a keystone outlet or direct connections into devices.

10GX Modular Patch Cords are designed around a patented plug management bar design that allows for very good control of internal plug NEXT. It offers excellent alien crosstalk performance while maintaining flexibility.

Category 6A, 10GX Shielded Modular Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	AX104564
KeyConnect Shielded Angled Patch Panel, 24-port, 1U, Titanium (Empty)	AX104622
KeyConnect Shielded Angled Patch Panel, 48-port, 2U, Titanium (Empty)	AX104623

Category 6A, 10GX Shielded Modular Jacks

Description	Belden Part Number
10GX Shielded KeyConnect Modular Jack, Metallic	AX104562
10GX Shielded REVConnect Modular Jack, Single Pack	RVAMJKSME-S1
10GX Shielded REVConnect Modular Jack, Bulk Pack	RVAMJKSME-B24

Color-coded icons and other accessories are available on page 64 and 65.

Category 6A, 10GX Shielded Modular Plugs

Description	Belden Part Number
10GX Shielded REVConnect Modular Plug, Single Pack	RVAFPSME-S1
10GX Shielded REVConnect Modular Plug, Bulk Pack	RVAFPSME-B24

Category 6A, 10GX Shielded Modular Patch Cords

Description	Belden Part Number			
	Bonded-Pair			
Length	Blue	Gray	White	Black
10GX Shielded Modular Patch Cords, F/UTP, 4-pair, 24 AWG Solid, T568A/B–T568A/B, Riser-CMR				
2 ft (0.6 m)	CAF1106002	CAF1108002	CAF1109002	CAF1100002
4 ft (1.2 m)	CAF1106004	CAF1108004	CAF1109004	CAF1100004
7 ft (2.1 m)	CAF1106007	CAF1108007	CAF1109007	CAF1100007
10 ft (3.0 m)	CAF1106010	CAF1108010	CAF1109010	CAF1100010
15 ft (4.6 m)	CAF1106015	CAF1108015	CAF1109015	CAF1100015
25 ft (7.6 m)	CAF1106025	CAF1108025	CAF1109025	CAF1100025
XXX ft	CAF1106XXX	CAF1108XXX	CAF1109XXX	CAF1100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6A, Tailored 10GX Shielded Modular Patch Cords

CA

Performance	
CA	Category 6A (10GX)

F1

Cable	
F1	Shielded, Bonded-Pair, 24 AWG Solid, CMR
F2	Shielded, Bonded-Pair, 24 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors	
01	Brown
02	Red
03	Orange
04	Yellow
05	Green
06	Blue
07	Purple
08	Gray
09	White
00	Black

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:
CAF1106007 – 10GX Modular Cord, Shielded, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

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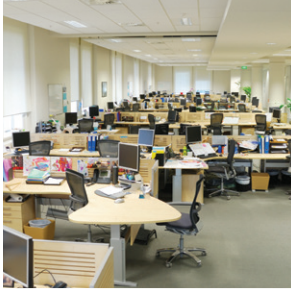


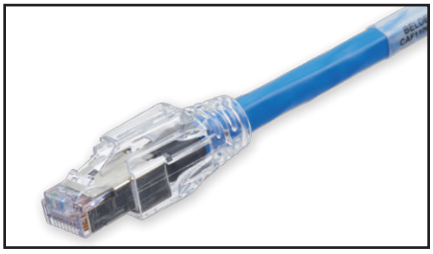
Category 6A, 10GX Shielded System (continued)

Pigtails

10GX Shielded Modular Pigtails are available in Bonded-Pair for field installation. All performance characteristics have been set to guarantee transmission performance up to 625 MHz.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability



10GX Shielded Modular Pigtail (connector end)

Category 6A, 10GX Shielded Modular Pigtails

Description	Belden Part Number			
	Bonded-Pair			
Length	Blue	Gray	White	Black
10GX Shielded Pigtails, F/UTP, 4-pair, 24 AWG Solid, T568A–Open, Plenum-CMP				
15 ft (4.6 m)	CAF2206015	CAF2208015	CAF2209015	CAF2200015
25 ft (7.6 m)	CAF2206025	CAF2208025	CAF2209025	CAF2200025
XXX ft	CAF2206XXX	CAF2208XXX	CAF2209XXX	CAF2200XXX
10GX Shielded Pigtails, F/UTP, 4-pair, 24 AWG Solid, T568A–Open, Riser-CMR				
15 ft (4.6 m)	CAF1206015	CAF1208015	CAF1209015	CAF1200015
25 ft (7.6 m)	CAF1206025	CAF1208025	CAF1209025	CAF1200025
XXX ft	CAF1206XXX	CAF1208XXX	CAF1209XXX	CAF1200XXX
10GX Shielded Pigtails, F/UTP, 4-pair, 24 AWG Solid, T568B–Open, Plenum-CMP				
15 ft (4.6 m)	CAF2306015	CAF2308015	CAF2309015	CAF2300015
25 ft (7.6 m)	CAF2306025	CAF2308025	CAF2309025	CAF2300025
XXX ft	CAF2306XXX	CAF2308XXX	CAF2309XXX	CAF2300XXX
10GX Shielded Pigtails, F/UTP, 4-pair, 24 AWG Solid, T568B–Open, Riser-CMR				
15 ft (4.6 m)	CAF1306015	CAF1308015	CAF1309015	CAF1300015
25 ft (7.6 m)	CAF1306025	CAF1308025	CAF1309025	CAF1300025
XXX ft	CAF1306XXX	CAF1308XXX	CAF1309XXX	CAF1300XXX

Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6A, Tailored 10GX Shielded Modular Pigtails

CA

Performance	
CA	Category 6A (10GX)

F1

Cable	
F1	Shielded Bonded-Pair, 24 AWG Solid, CMR
F2	Shielded Bonded-Pair, 23 AWG Solid, CMP

2

Termination	
2	T568A-Open
3	T568B-Open

06

Colors	
01	Brown
02	Red
03	Orange
04	Yellow
05	Green
06	Blue
07	Purple
08	Gray
09	White
00	Black

030

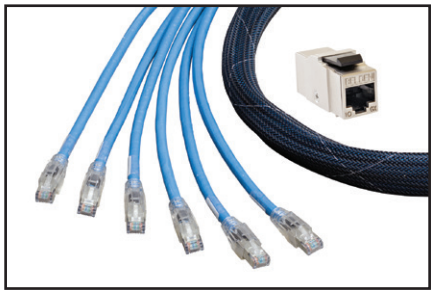
Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

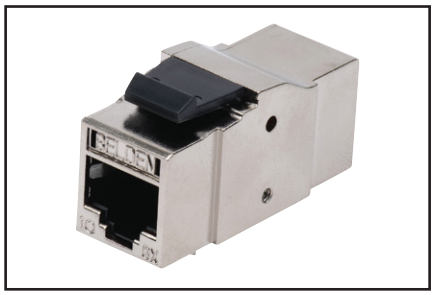
Example:
CAF1206030 – 10GX Shielded Modular Pigtail, F/UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A-Open, Blue, 30 ft (9.5 m)

Category 6A, 10GX Shielded Pre-Terminated Cabling System

Couplers, Accessories and Cable Assemblies



10GX Shielded Pre-Terminated Cable System



10GX Shielded KeyConnect RJ45 Coupler

The 10GX Shielded Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6A performance and headroom, without the need for tradeoffs or compromise in performance and reliability. Bringing a new level of ease and convenience to cabling system design, ordering and installation, the system allows users to deploy high-performance 10G networks with optimal speed and efficiency. Proven modular components are the cornerstone of the system, including 10GX Shielded Pre-Terminated Cable Assemblies and 10GX Shielded RJ45 Modular Couplers. These components rely on unique enabling technologies: Belden's Bonded-Pair technologies ensure that the cable assemblies boast exceptional structural stability and unfailing electrical performance while the patented Dual-FleX design ensures controlled plug/jack mated connections on both sides of the coupler to provide an uninterrupted electrical path for superior connector reliability and transmission performance.

With simple planning, easy ordering and rapid delivery, the 10GX Shielded Pre-Terminated Cabling System will drastically reduce installation time and labor costs. In addition, this system supports plug-and-play installation and component reusability, resulting in lower installation costs and less waste.

Category 6A, 10GX Shielded RJ45 Coupler

Description	Belden Part Number
10GX KeyConnect Shielded RJ45 Coupler	AX104501

Complete the10GX Pre-Terminated System with 10GX Modular Patch Cords, see page 13 for ordering information.

Color-Coded Icon Kit

Belden Part Number							
Red	Orange	Yellow	Green	Blue	Purple	White	Black
KeyConnect Color-coded Icon Kit for Shielded Jacks and Couplers							
AX104632-RD	AX104632-OR	AX104632-YE	AX104632-GN	AX104632-BL	AX104632-PR	AX104632-EW	AX104632-BK

Category 6A, Tailored 10GX Shielded Pre-Terminated Trunks

CA

Performance	
CA	Category 6A (10GX)

F1

Cable	
F1	Shielded, Bonded-pair, 24 AWG Solid, CMR
F2	Shielded, Bonded-pair, 23 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B

06

Colors	
06	Blue
08	Gray
09	White
00	Black

020

Length	
006	6 ft (1.8 m)
007	7 ft (2.1 m)
008	8 ft (2.4 m)
009	9 ft (2.7 m)
010	10 ft (3 m)
XXX	XXX ft

A06

# of Cables	
A06	6 Cables
A08	8 Cables

Notes:
Use xxx to specify length in feet 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:
CAF1106020A06 – 10GX Shielded Pre-Terminated Trunk (bundle six cables), F/UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 20 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

BELDEN

SECTION TWO

Category 6 (CAT6+) Systems

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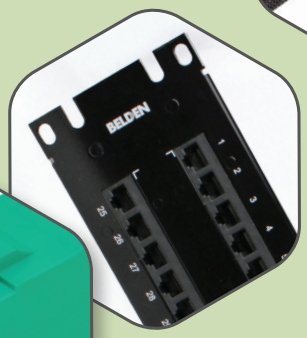
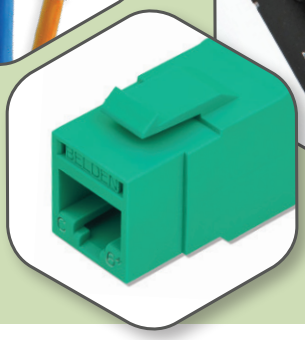




Belden offers three beyond-standards Category 6 (CAT6+) copper systems to support a variety of price-performance ratios, applications, environments and operational lifespans: the 4800 System, 3600 System and 2400 System. Each Category 6 system is comprised of DataTwist Cable with various guaranteed bandwidth levels and application recommendations, preloaded and modular KeyConnect Patch Panels, CAT6+ Modular Jacks and CAT6+ Modular Patch Cords.

4800 System is the highest-performing Category 6 system available with guaranteed bandwidth to 300 MHz and exceptional signal power and signal-to-noise performance that exceeds TIA/EIA Category 6 requirements.

3600 System offers the best price-performance ratio of any end-to-end Category 6 system on the market. With guaranteed performance to 280 MHz, the 3600 System offers headroom beyond the TIA/EIA Category 6 standard.

2400 System offers a guaranteed bandwidth of 250 MHz to support enhanced, error-free Category 6 performance for reliable business applications and transactions.

Belden's 3600 Pre-Terminated Cabling System features proven modular components and an intuitive plug-and-play installation that delivers rapid deployment and guaranteed Category 6 performance and headroom.

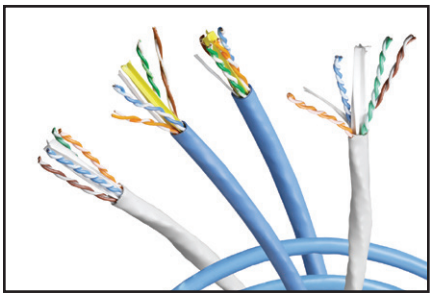
Based on proven reliable BIX technology, the space-saving GigaBIX Category 6 Cross-Connect System offers easy installation and cable management for high-density applications.

With DataTwist 2400 Shielded Cables, Shielded Patch Panels and CAT6+ Shielded Modular Jacks and Cords, Belden also offers an end-to-end Category 6 shielded system that provides better noise immunity to improve data throughput in harsh EMI environments.

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, DataTwist 4800 Cables

Nonbonded-Pair and Bonded-Pair



DataTwist 4800 Cables

DataTwist 4800, part of the 4800 System, is a UTP cable engineered specifically to perform well beyond ANSI/TIA-568-C.2 Category 6 requirements. All DataTwist 4800 Cables are designed to provide low insertion loss (low signal attenuation). This characteristic enables increased signal power over a higher range of frequencies. A strong signal translates into maximum headroom and more robust transmission for today's applications, as well as a capacity for tomorrow's networks. The higher signal power of DataTwist 4800 Cables also results in a higher PSACR. With this higher ratio, 4800 Cables provide fewer transmission errors and higher data rate capability.

DataTwist 4800 with Bonded-Pair technology is fully characterized with guaranteed performance to 600 MHz. Available in plenum and non-plenum versions, DataTwist 4800 with Bonded-Pair technology provides a greater amount of headroom, enabling the structured cabling system to deliver guaranteed performance even when unforeseen circumstances arise.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Applications:

- 1000BASE-T Applications (IEEE 802.3ab)
- PoE PSE Type 1 (15W), PSE Type 2 (30W PSE Type 3 (60W), PSE Type 4 (100W)
- Broadband video (CATV) and high speed internet (DOCSIS) over UTP
- High temperature performance up to 50°C without length de-rating for 1000BASE-T and 100BASE-TX

Shaded part numbers indicate LP-Certified by UL

Category 6, DataTwist 4800 Cables

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	Spool-in-Box	Spool	Spool-in-Box	Spool
DataTwist 4800 Cables, UTP, 4-pair, 23 AWG, Plenum-CMP					
Red	1000 ft (305 m)	Available	Available	Available	**7852A 0021000**
Orange	1000 ft (305 m)	Available	Available	**7852A 003A1000**	Available
Yellow	1000 ft (305 m)	Available	**4813 0041000**	**7852A 004A1000**	**7852A 0041000**
Green	1000 ft (305 m)	Available	**4813 0051000**	**7852A 005A1000**	**7852A 0051000**
Blue	1000 ft (305 m)	**4813 D15A1000**	**4813 D151000**	**7852A D15A1000**	**7852A D151000**
Purple	1000 ft (305 m)	Available	Available	Available	Available
Gray	1000 ft (305 m)	Available	**4813 0081000**	**7852A 008A1000**	**7852A 0081000**
White	1000 ft (305 m)	**4813 009A1000**	**4813 0091000**	**7852A 009A1000**	**7852A 0091000**
Black	1000 ft (305 m)	Available	**4813 0101000**	Available	**7852A 0101000**
White	2500 ft (762 m)	Available	**4813 0092500**	Available	Available
DataTwist 4800 Cables, UTP, 4-pair, 23 AWG, Riser-CMR					
Red	1000 ft (305 m)	Available	**4812 0021000**	**7851A 002A1000**	**7851A 0021000**
Orange	1000 ft (305 m)	Available	Available	**7851A 003A1000**	**7851A 0031000**
Yellow	1000 ft (305 m)	Available	**4812 0041000**	**7851A 004A1000**	**7851A 0041000**
Green	1000 ft (305 m)	Available	**4812 0051000**	**7851A 005A1000**	**7851A 0051000**
Blue	1000 ft (305 m)	**4812 006A1000**	**4812 0061000**	**7851A 006A1000**	**7851A 0061000**
Purple	1000 ft (305 m)	Available	Available	Available	Available
Gray	1000 ft (305 m)	Available	**4812 0081000**	**7851A F6HA1000**	**7851A F6H1000**
White	1000 ft (305 m)	**4812 009A1000**	**4812 0091000**	**7851A 009A1000**	**7851A 0091000**
Black	1000 ft (305 m)	Available	Available	**7851A 010A1000**	**7851A 0101000**
Blue	2500 ft (762 m)	Available	**4812 0062500**	Available	Available
DataTwist 4800 Cables, UTP, 4-pair, 23 AWG, LSZH					
Gray	1000 ft (305 m)	*	*	**7851NH E4XA1000**	**7851NH E4X1000**

*Not available

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, DataTwist 3600 Cables

Nonbonded-Pair and Bonded-Pair

DataTwist 3600 Cables provide increased bandwidth and signal-to-noise margins with smaller-diameter and higher-performance over other Category 6 cables.

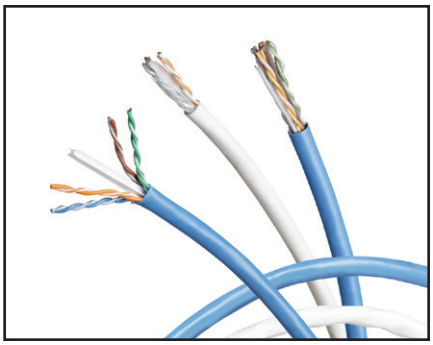
DataTwist 3600 Cables have descending-distance marking for cable length that reduces waste. Matching tip and ring are color-coded for easy installation. Available in Spool-in-Box packaging for easier installation, handling and inventory management.

Information about products contributing to LEED points is available at www.belden.com/leed

Features

- Central spline design separates pairs and maintains stable pair position, improving crosstalk and impedance/RL performance
- Increased bandwidth and signal-to-noise margins
- Optimized balance of transmission performance for simultaneous parallel transmission protocols
- Size minimized for compact installations
- PoE PSE Type 1 (15W), PSE Type 2 (30W PSE Type 3 (60W), PSE Type 4 (100W)
- When used with 3600 System, the channel provides at least 280 MHz of bandwidth

LP Shaded part numbers indicate LP-Certified by UL



DataTwist 3600 Cable

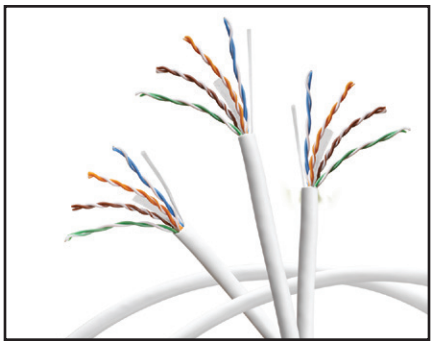
Category 6, DataTwist 3600 Cables

Description		Belden Part Number					
		Nonbonded-Pair			Bonded-Pair		
Color	Length	UnReel	Spool-in-Box	Spool	UnReel	Spool-in-Box	Spool
DataTwist 3600 Cables, UTP, 4-pair, 23 AWG, Plenum-CMP							
Red	1000 ft (305 m)	Available	**3613 002A1000**	Available	Available	**3633 002A1000**	**3633 0021000**
Orange	1000 ft (305 m)	**3613 003U1000**	**3613 003A1000**	**3613 0031000**	Available	**3633 003A1000**	**3633 0031000**
Yellow	1000 ft (305 m)	**3613 004U1000**	**3613 004A1000**	**3613 0041000**	Available	**3633 004A1000**	**3633 0041000**
Green	1000 ft (305 m)	**3613 005U1000**	**3613 005A1000**	**3613 0051000**	Available	**3633 005A1000**	**3633 0051000**
Blue	1000 ft (305 m)	**3613 D15U1000**	**3613 D15A1000**	**3613 D151000**	**3633 D15U1000**	**3633 D15A1000**	**3633 D151000**
Purple	1000 ft (305 m)	**3613 007U1000**	**3613 007A1000**	Available	Available	Available	Available
Gray	1000 ft (305 m)	**3613 008U1000**	**3613 008A1000**	**3613 0081000**	**3633 008U1000**	**3633 008A1000**	**3633 0081000**
White	1000 ft (305 m)	**3613 009U1000**	**3613 009A1000**	**3613 0091000**	**3633 009U1000**	**3633 009A1000**	**3633 0091000**
Black	1000 ft (305 m)	Available	**3613 010A1000**	**3613 0101000**	Available	**3633 010A1000**	**3633 0101000**
Pink	1000 ft (305 m)	Available	**3613 012A1000**	Available	Available	Available	Available
Yellow	2500 ft (762 m)	*	*	**3613 0042500**	*	*	Available
Green	2500 ft (762 m)	*	*	**3613 0052500**	*	*	Available
Blue	2500 ft (762 m)	*	*	**3613 D152500**	*	*	Available
White	2500 ft (762 m)	*	*	**3613 0092500**	*	*	Available
Black	2500 ft (762 m)	*	*	**3613 0102500**	*	*	Available
DataTwist 3600 Cables, UTP, 4-pair, 23 AWG, Riser-CMR							
Red	1000 ft (305 m)	Available	Available	Available	Available	Available	Available
Orange	1000 ft (305 m)	**3612 003U1000**	**3612 003A1000**	Available	Available	**3632 003A1000**	Available
Yellow	1000 ft (305 m)	**3612 004U1000**	**3612 004A1000**	**3612 0041000**	Available	**3632 004A1000**	**3632 0041000**
Green	1000 ft (305 m)	**3612 005U1000**	**3612 005A1000**	**3612 0051000**	Available	**3632 005A1000**	**3632 0051000**
Blue	1000 ft (305 m)	**3612 006U1000**	**3612 006A1000**	**3612 0061000**	**3632 006U1000**	**3632 006A1000**	**3632 0061000**
Purple	1000 ft (305 m)	Available	**3612 007A1000**	Available	Available	Available	Available
Gray	1000 ft (305 m)	**3612 008U1000**	**3612 008A1000**	**3612 0081000**	**3632 008U1000**	**3632 008A1000**	**3632 0081000**
White	1000 ft (305 m)	**3612 009U1000**	**3612 009A1000**	**3612 0091000**	**3632 009U1000**	**3632 009A1000**	**3632 0091000**
Black	1000 ft (305 m)	Available	**3612 010A1000**	**3612 0101000**	Available	**3632 010A1000**	**3632 0101000**
Yellow	2500 ft (762 m)	*	*	**3612 0042500**	*	*	Available
Blue	2500 ft (762 m)	*	*	**3612 0062500**	*	*	Available
White	2500 ft (762 m)	*	*	**3612 0092500**	*	*	Available
DataTwist 3600 Cables, UTP, 4-pair, 23 AWG, LSZH							
Blue	1000 ft (305 m)	*	**3624 006A1000**	Available	*	Available	Available
Purple	1000 ft (305 m)	*	**3624 007A1000**	Available	*	Available	Available
White	1000 ft (305 m)	*	**3624 009A1000**	Available	*	Available	Available

*Not available

Category 6, DataTwist 2400 Cables

Nonbonded-Pair



DataTwist 2400 Cable

DataTwist 2400 Cables consists of 4-pair UTP cables that exceed Category 6 requirements as per ANSI/TIA-568-C.2. When used as the horizontal cable in the 2400 System, the channel provides at least 250 MHz of bandwidth.

Information about products contributing to LEED points is available at www.belden.com/leed

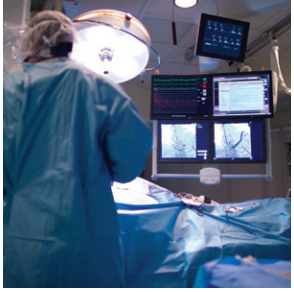
ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Shaded part numbers indicate LP-Certified by UL

Description		Belden Part Number		
		Nonbonded-Pair		
Color	Length	UnReel	Spool-in-Box	Spool
DataTwist 2400 Cables, UTP, 4-pair, 23 AWG, Plenum-CMP				
Red	1000 ft (305 m)	Available	**2413 002A1000**	Available
Orange	1000 ft (305 m)	**2413 003U1000**	**2413 003A1000**	**2413 0031000**
Yellow	1000 ft (305 m)	**2413 004U1000**	**2413 004A1000**	**2413 0041000**
Green	1000 ft (305 m)	**2413 005U1000**	**2413 005A1000**	**2413 0051000**
Blue	1000 ft (305 m)	**2413 D15U1000**	**2413 D15A1000**	**2413 D151000**
Purple	1000 ft (305 m)	**2413 007U1000**	**2413 007A1000**	Available
Gray	1000 ft (305 m)	**2413 008U1000**	**2413 008A1000**	**2413 0081000**
White	1000 ft (305 m)	**2413 009U1000**	**2413 009A1000**	**2413 0091000**
Black	1000 ft (305 m)	**2413 010U1000**	**2413 010A1000**	**2413 0101000**
Pink	1000 ft (305 m)	Available	**2413 012A1000**	Available
Yellow	2500 ft (762 m)	*	*	**2413 0042500**
Green	2500 ft (762 m)	*	*	**2413 0052500**
Blue	2500 ft (762 m)	*	*	**2413 D152500**
White	2500 ft (762 m)	*	*	**2413 0092500**
Black	2500 ft (762 m)	*	*	**2413 0102500**
DataTwist 2400 Cables, UTP, 4-pair, 23 AWG, Riser-CMR**				
Red	1000 ft (305 m)	Available	**2412 002A1000**	Available
Orange	1000 ft (305 m)	**2412 003U1000**	**2412 003A1000**	Available
Yellow	1000 ft (305 m)	**2412 004U1000**	**2412 004A1000**	**2412 0041000**
Green	1000 ft (305 m)	**2412 005U1000**	**2412 005A1000**	**2412 0051000**
Blue	1000 ft (305 m)	**2412 006U1000**	**2412 006A1000**	**2412 0061000**
Purple	1000 ft (305 m)	**2412 007U1000**	**2412 007A1000**	Available
Gray	1000 ft (305 m)	**2412 008U1000**	**2412 008A1000**	**2412 0081000**
White	1000 ft (305 m)	**2412 009U1000**	**2412 009A1000**	**2412 0091000**
Black	1000 ft (305 m)	**2412 010U1000**	**2412 010A1000**	**2412 0101000**
Yellow	2500 ft (762 m)	*	*	**2412 0042500**
Blue	2500 ft (762 m)	*	*	**2412 0062500**
White	2500 ft (762 m)	*	*	**2412 0092500**
DataTwist 2400 Cables, UTP, 4-pair, 23 AWG, LSZH				
Blue	1000 ft (305 m)	*	Available	**2424 0061000**
Purple	1000 ft (305 m)	*	Available	**2424 0071000**
White	1000 ft (305 m)	*	Available	**2424 0091000**

*Not available
**2412 LP-certification available upon request only

Call Interstate Wire Co., Inc. - (800) 527-0010



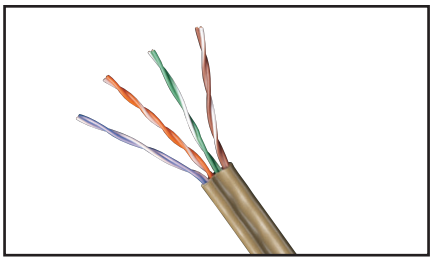
Category 6, MediaTwist Cables

Bonded-Pair

MediaTwist, part of the 2400 System, is engineered to exceed ANSI/TIA-568-C.2 Category 6 requirements. The exceptional physical uniformity of MediaTwist translates into premier electrical performance. Available in plenum and non-plenum versions, MediaTwist has taken Bonded-Pair technology a step further.

Its unique crescent-shape design ensures that pair-to-pair movement is minimized during installation. The innovative design of MediaTwist provides stable crosstalk and impedance performance before and after installation. This results in improved signal integrity and reduced signal radiation, making MediaTwist an excellent choice for your Category 6 cable.

Information about products contributing to LEED points is available at www.belden.com/leed



MediaTwist Cable

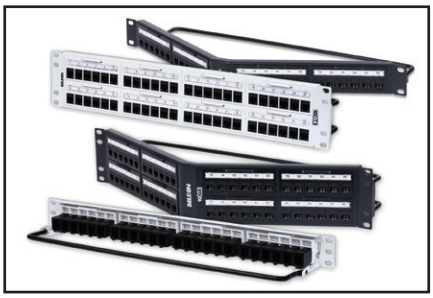
Category 6, MediaTwist Cables

Description		Belden Part Number Bonded-Pair	
Color	Length	Spool-in-Box	Spool
MediaTwist Cables, UTP, 4-Pair, 23 AWG, Plenum-CMP			
Red	1000 ft (305 m)	**1874A 002A1000**	**1874A 0021000**
Orange	1000 ft (305 m)	**1874A 003A1000**	**1874A 0031000**
Yellow	1000 ft (305 m)	**1874A 004A1000**	**1874A 0041000**
Green	1000 ft (305 m)	**1874A 005A1000**	**1874A 0051000**
Blue	1000 ft (305 m)	**1874A D15A1000**	**1874A D151000**
Purple	1000 ft (305 m)	**1874A 007A1000**	**1874A 0071000**
Gray	1000 ft (305 m)	**1874A F6HA1000**	**1874A F6H1000**
White	1000 ft (305 m)	**1874A 009A1000**	**1874A 0091000**
Black	1000 ft (305 m)	**1874A 010A1000**	**1874A 0101000**
Natural	1000 ft (305 m)	**1874A 877A1000**	**1874A 8771000**
MediaTwist Cables, UTP, 4-Pair, 23 AWG, Riser-CMR			
Red	1000 ft (305 m)	**1872A 002A1000**	**1872A 0021000**
Orange	1000 ft (305 m)	**1872A 003A1000**	**1872A 0031000**
Yellow	1000 ft (305 m)	**1872A 004A1000**	**1872A 0041000**
Green	1000 ft (305 m)	**1872A 005A1000**	**1872A 0051000**
Blue	1000 ft (305 m)	**1872A 006A1000**	**1872A 0061000**
Purple	1000 ft (305 m)	**1872A 007A1000**	**1872A 0071000**
Gray	1000 ft (305 m)	**1872A F6HA1000**	**1872A F6H1000**
White	1000 ft (305 m)	**1872A 009A1000**	**1872A 0091000**
Black	1000 ft (305 m)	**1872A 010A1000**	**1872A 0101000**

Call Interstate Wire Co., Inc. - (800) 527-0010

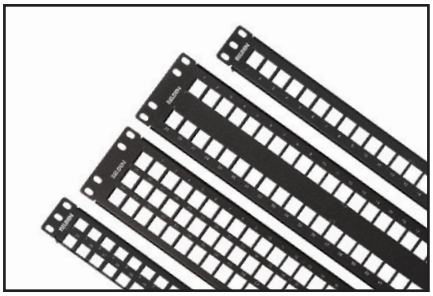
Category 6, CAT6+ Patch Panels

Preloaded and Modular

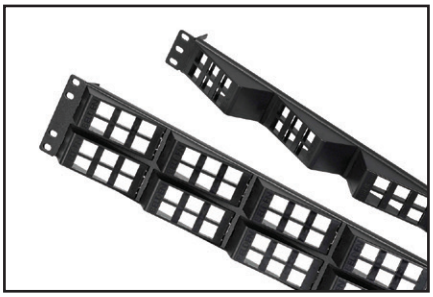


REVConnect Preloaded Patch Panels (10GX shown)

CAT6+ HD Patch Panel



Modular Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels

The CAT6+ Patch Panels are available in REVConnect and KeyConnect styles, as well as HD-110 and AngleFlex designs. Configurations include 24-port 1U, 48-port 2U and 48-port 1U in flat and angled designs. Preloaded panels are available with RJ45 jacks or couplers.

Benefits

- Performance up to 300 MHz (4800 System)
- Flat, Angled and AngleFlex options available
- Quick and easy termination with REVConnect termination tool (REVConnect patch panels)
- Front access options (REVConnect patch panels) for additional versatility

Features

- REVConnect Patch Panels feature Belden's revolutionary REVConnect core technology
- REVConnect Patch Panels compatible with color icons and dust covers
- KeyConnect Patch Panels feature Belden CAT6+ KeyConnect Connectors with patented leadframe technology
- Single-port modularity on REVConnect and KeyConnect standard densities
- Labeling and cable management accessories included with all patch panels

Category 6, CAT6+ Preloaded Patch Panels

Description	Belden Part Number	
	White	Black
CAT6+ REVConnect Patch Panels (Preloaded)		
CAT6+ REVConnect Patch Panel 24-port, 1U (Preloaded)	**RV6PPF1U24WH**	**RV6PPF1U24BK**
CAT6+ REVConnect Patch Panel 48-port, 2U (Preloaded)	**RV6PPF2U48WH**	**RV6PPF2U48BK**
CAT6+ REVConnect Angled Patch Panel 24-port, 1U (Preloaded)	**RV6PPA1U24WH**	**RV6PPA1U24BK**
CAT6+ REVConnect Angled Patch Panel 48-port, 2U (Preloaded)	**RV6PPA2U48WH**	**RV6PPA2U48BK**
CAT6+ KeyConnect Patch Panels (Preloaded)		**Black**
CAT6+ KeyConnect Patch Panels, 24-port, 1U (Preloaded)	—	**AX103253**
CAT6+ KeyConnect Patch Panels, 48-port, 2U (Preloaded)	—	**AX103255**
CAT6+ KeyConnect Angled Patch Panel, 24-port, 1U (Preloaded)	—	**AX105360**
CAT6+ KeyConnect Angled Patch Panel, 48-port, 2U (Preloaded)	—	**AX105361**
CAT6+ KeyConnect Angled Patch Panel, 48-port, 1U (Preloaded)	—	**AX105362**
CAT6+ HD Patch Panels (Preloaded)		**Black**
CAT6+ HD-110 Patch Panel, 24-port, 1U (Preloaded)	—	**AX105520**
CAT6+ HD-110 Patch Panel, 48-port, 2U (Preloaded)	—	**AX105521**
CAT6+ Ultra-High-Density Patch Panel (Preloaded)		**Black**
CAT6+ Ultra-High-Density Patch Panel, 48-port, 1U (Preloaded)	—	**AX103263**

Modular Patch Panels

Description	Belden Part Number
KeyConnect Modular Patch Panels (Empty)	**Black**
KeyConnect Modular Patch Panel, 24-port, 1U (Empty)	**AX103114**
KeyConnect Modular Patch Panel, 48-port, 1U (Empty)	**AX103121**
KeyConnect Modular Patch Panel, 48-port, 2U (Empty)	**AX103115**
KeyConnect Modular Patch Panel, 72-port, 2U (Empty)	**AX103116**
KeyConnect Modular Patch Panel, 96-port, 3U (Empty)	**AX105371**
KeyConnect Angled Patch Panel, 24-port, 1U (Empty)	**AX104599**
KeyConnect Angled Patch Panel, 48-port, 2U (Empty)	**AX104601**
KeyConnect Angled Patch Panel, 48-port, 1U (Empty)	**AX104600**
KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)	**AX103248**
KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)	**AX103249**

Front Access Modular Patch Panels and Accessories

Description	Belden Part Number
KeyConnect Front Access Patch Panels (Empty)	
KeyConnect Front Access Patch Panel, 24-port, 1U, Black (Empty)	**AX106288**
KeyConnect Front Access Patch Panel, 48-port, 2U, Black (Empty)	**AX106289**
KeyConnect Front Access Patch Panel, 72-port, 2U, Black (Empty)	**AX106290**
Labeling Kit (12 strips and LabelFlex sheets for 96 ports) (Empty)	**AX106291**
Spare Bezel Kit for Front Access Patch Panel, 24-Pack (Empty)	**AX106292-B24**

Call Interstate Wire Co., Inc. - (800) 527-0010

Faster.
Easier.
Better.

Category 6, CAT6+ Connectors, Tools and Accessories

REVConnect, KeyConnect and MDVO

CAT6+ Connectors are available in two termination styles: Belden's new REVConnect System and standard punchdown in KeyConnect or MDVO styles. REVConnect and KeyConnect have a keystone footprint and are designed to be used with any KeyConnect Patch Panels and with KeyConnect or MediaFlex Workstation Outlets.

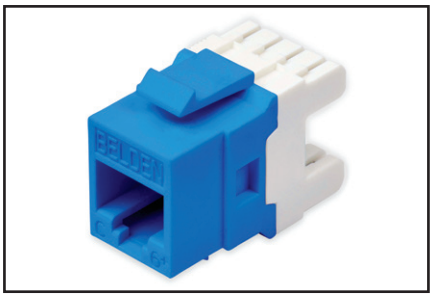
Benefits

- REVConnect: Safe connectivity for air-handling spaces
- REVConnect: Offers great versatility and labor savings
- Easy termination and network administration
- Performance margins for all Gigabit network applications

Features

- REVConnect: Plenum rated - meets UL 2043 requirements
- REVConnect: Requires no pair separation; the best connector for Bonded-Pair and Nonbonded-Pair cable
- REVConnect: Terminates four pairs simultaneously with REVConnect Universal Termination Tool
- KeyConnect/MDVO: Compatible with Belden's Rapid Termination Tool
- Meets and exceeds all Category 6 component performance

REVConnect Jacks Available in 19 Colors



AX104193, KeyConnect Jack

RVUTT01, REVConnect Termination Tool; includes one Cable Prep Tool and spare blade set

Category 6, CAT6+ Modular Jacks

Color	Belden Part Number				
	REVConnect Jacks		Punchdown Jacks		
	Single Pack	Bulk Pack (24 Connectors)	KeyConnect	Bulk Pack (24 Connectors)	MDVO
Gray	RV6MJKUGY-S1	RV6MJKUGY-B24	AX101318	AX101318-B24	AX101063
Almond	RV6MJKUAL-S1	RV6MJKUAL-B24	AX101319	AX101319-B24	AX101064
Electric White	RV6MJKUEW-S1	RV6MJKUEW-B24	AX101320	AX101320-B24	AX101065*
Black	RV6MJKUBK-S1	RV6MJKUBK-B24	AX101321	AX101321-B24	AX101066
Ivory	RV6MJKUIV-S1	RV6MJKUIV-B24	AX103076	AX103076-B24	AX102563
Brown	RV6MJKUBR-S1	RV6MJKUBR-B24	AX104195	AX104195-B24	—
Red	RV6MJKURD-S1	RV6MJKURD-B24	AX104190	AX104190-B24	—
Orange	RV6MJKUOR-S1	RV6MJKUOR-B24	AX104189	AX104189-B24	—
Yellow	RV6MJKUYL-S1	RV6MJKUYL-B24	AX104191	AX104191-B24	—
Green	RV6MJKUGN-S1	RV6MJKUGN-B24	AX104192	AX104192-B24	—
Blue	RV6MJKUBL-S1	RV6MJKUBL-B24	AX104193	AX104193-B24	—
Purple	RV6MJKUPR-S1	RV6MJKUPR-B24	AX104194	AX104194-B24	—
TIA Brown	RV6MJKUTN-S1	RV6MJKUTN-B24	AX101328	—	AX101073
TIA Red	RV6MJKUTR-S1	RV6MJKUTR-B24	AX101323	—	AX101068
TIA Orange	RV6MJKUTO-S1	RV6MJKUTO-B24	AX101322	—	AX101067
TIA Yellow	RV6MJKUTY-S1	RV6MJKUTY-B24	AX101324	—	AX101069
TIA Green	RV6MJKUTG-S1	RV6MJKUTG-B24	AX101325	—	AX101070
TIA Blue	RV6MJKUTB-S1	RV6MJKUTB-B24	AX101326	—	AX101071
TIA Purple	RV6MJKUTP-S1	RV6MJKUTP-B24	AX101327	—	AX101072

*MDVO style jack is white. Color-coded icons and other accessories are available on page 64 and 65.

REVConnect Plugs, Tools and Accessories

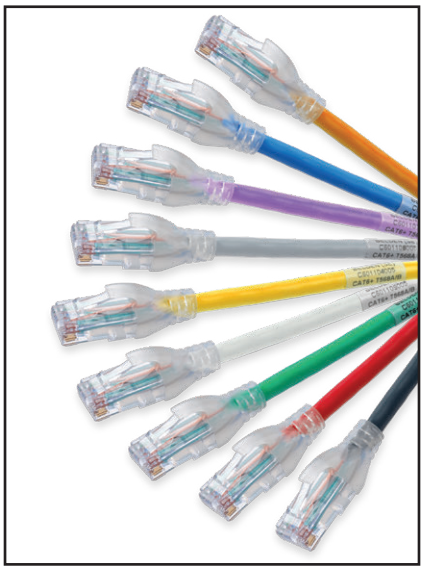
Description	Belden Part Number
CAT6+ REVConnect Plugs	
CAT6+ UTP REVConnect FlexPlug, Black	RV6FFPUBK18-S1
CAT6+ UTP REVConnect FlexPlug, Electric White	RV6FFPUEW18-S1
REVConnect Termination Tool and Accessories	
Universal Termination Tool	RVUTT01
Tool Blade Replacement Set	RVUTB01
Tool Belt Clip	RVUTC01
Replacement Cable Prep Tool	RVUCT01
REVConnect Spare Cores	
Replacement Caps and Cable Managers (50 of each in pack)	RVUCOEW-B50

KeyConnext/MDVO Replacement T-Bars

Description	Belden Part Number
Replacement T-Bars, bag of 24 pieces	PX103356R

Category 6, CAT6+ Modular Patch Cords

Bonded-Pair



CAT6+ Modular Patch Cords

CAT6+ Modular Patch Cords are made with Belden's patented Bonded-Pair cables, offering the best combination of transmission performance and physical integrity. Solid conductors improve attenuation and are needed in long patch cords to eliminate the need for cable de-rating in open-office cabling. They feature improved strain relief and a flexible boot for optimum protection in high-density installations.

Benefits

- Wrap-around label on each cord for easier product identification and length sorting
- Maximum RL performance under all patching conditions
- Superior ruggedness and durability

Category 6, CAT6+ Modular Patch Cords

Description	Belden Part Number					
	Bonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
CAT6+ Modular Patch Cords, UTP, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR						
2 ft (0.6 m)	C601104002	C601105002	C601106002	C601108002	C601109002	C601100002
4 ft (1.2 m)	C601104004	C601105004	C601106004	C601108004	C601109004	C601100004
7 ft (2.1 m)	C601104007	C601105007	C601106007	C601108007	C601109007	C601100007
10 ft (3.0 m)	C601104010	C601105010	C601106010	C601108010	C601109010	C601100010
15 ft (4.6 m)	C601104015	C601105015	C601106015	C601108015	C601109015	C601100015
25 ft (7.6 m)	C601104025	C601105025	C601106025	C601108025	C601109025	C601100025
XXX ft	C601104XXX	C601105XXX	C601106XXX	C601108XXX	C601109XXX	C601100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6, Tailored CAT6+ Modular Patch Cords

C6

Performance	
C6	Category 6, CAT6+

01

Cable	
01	UTP, Bonded-pair, 24 AWG Solid, CMR
02	UTP, Bonded-pair, 24 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors				
01	Brown			
02	Red		12	TIA Red
03	Orange		13	TIA Orange
04	Yellow		14	TIA Yellow
05	Green		15	TIA Green
06	Blue		16	TIA Blue
07	Purple		17	TIA Purple
08	Gray			
09	White			
00	Black			

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

C601106007 – CAT6+ Modular Patch Cord, UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, Small-Diameter Patch Cords

Nonbonded-Pair (28 AWG)

CAT6+ Small-Diameter Patch Cords offer a great soluton for large data center cross-connects and server enclosures, as well as for enterprise networks installed in crowded telcom rooms. The 28 AWG stranded conductors provide standards-compliant performance when up to 20.7 ft (6.3 m) of patch cord is used in a standard 295 ft (90 m) channel.

Benefits

- Reduces congestion and allows tight bend radius and improved airflow
- Easier access for maintenance
- Improves overall network administration

CAT6+ Small-Diameter Patch Cords

Category 6, Small-Diameter Patch Cords

Description	Belden Part Number					
	Nonbonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
Small-Diameter Patch Cords, UTP, 28 AWG Stranded, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	C6D1104002	C6D1105002	C6D1106002	C6D1108002	C6D1109002	C6D1100002
4 ft (1.2 m)	C6D1104004	C6D1105004	C6D1106004	C6D1108004	C6D1109004	C6D1100004
7 ft (2.1 m)	C6D1104007	C6D1105007	C6D1106007	C6D1108007	C6D1109007	C6D1100007
10 ft (3.0 m)	C6D1104010	C6D1105010	C6D1106010	C6D1108010	C6D1109010	C6D1100010
15 ft (4.6 m)	C6D1104015	C6D1105015	C6D1106015	C6D1108015	C6D1109015	C6D1100015
20 ft (6.1 m)	C6D1104020	C6D1105020	C6D1106020	C6D1108020	C6D1109020	C6D1100020
XXX ft.	C6D1104XXX	C6D1105XXX	C6D1106XXX	C6D1108XXX	C6D1109XXX	C6D1100XXX

Use XXX to specify length in feet 001-050 ft in increments of 1 ft.

Other colors available with minimum order quantity (may require longer lead times.) Call customer service for additional information. Longer lengths available.

Category 6, Tailored Small-Diameter Patch Cords

C6

Performance	
C6	Category 6, CAT6+

D1

Cable	
D1	UTP, Nonbonded-Pair, 28 AWG Stranded, CMR

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors	
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet 001-050 ft in increments of 1 ft.

Example:

C6D1106007 – Small-Diameter Patch Cord, UTP, Nonbonded-Pair, 28 AWG Stranded, CMR, T568A/BT568A/B, Blue, 7 ft (2.1 m)

Category 6, CAT6+ Traceable Patch Cords

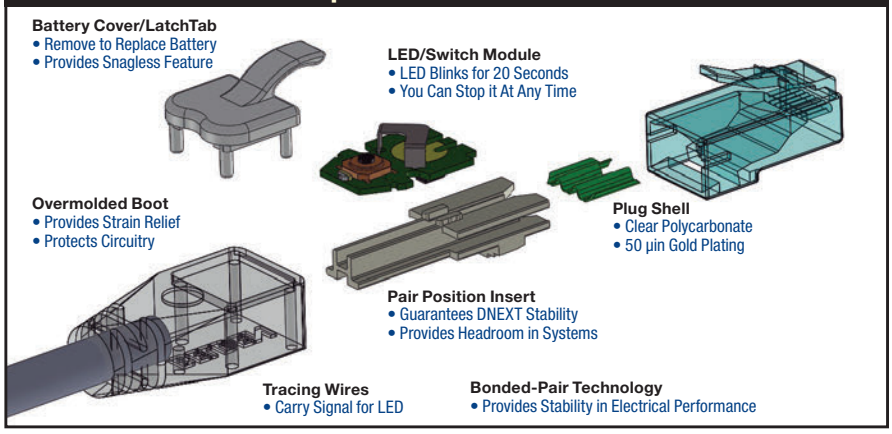
Bonded-Pair

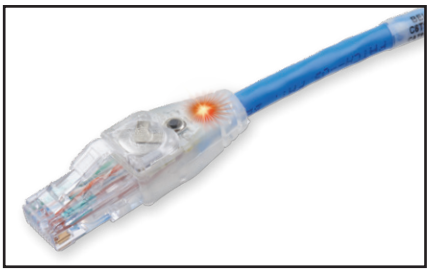
CAT6+ Traceable Patch Cords feature a highly efficient, bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, the LED blinks for 20 seconds and can be stopped at any time with a second press of the button. The LED and its tracing wires are integrated right into the patch cord, eliminating the need for a separate power source.

Features

- Belden Bonded-Pair technology for extra robustness, performance and reliability
- Barcode tagging on each end of the cord is compatible with DCIM systems
- 100% factory tested and certified

Traceable Patch Cord Components





CAT6+ Traceable Patch Cord

Category 6, CAT6+ Traceable Patch Cords

Description	Belden Part Number					
	Bonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
CAT6+ Traceable Patch Cords, UTP, 4-Pair, 24 AWG Solid, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	C6T1104002	C6T1105002	C6T1106002	C6T1108002	C6T1109002	C6T1100002
4 ft (1.2 m)	C6T1104004	C6T1105004	C6T1106004	C6T1108004	C6T1109004	C6T1100004
7 ft (2.1 m)	C6T1104007	C6T1105007	C6T1106007	C6T1108007	C6T1109007	C6T1100007
10 ft (3.0 m)	C6T1104010	C6T1105010	C6T1106010	C6T1108010	C6T1109010	C6T1100010
15 ft (4.6 m)	C6T1104015	C6T1105015	C6T1106015	C6T1108015	C6T1109015	C6T1100015
25 ft (7.6 m)	C6T1104025	C6T1105025	C6T1106025	C6T1108025	C6T1109025	C6T1100025
XXX ft	C6T1104XXX	C6T1105XXX	C6T1106XXX	C6T1108XXX	C6T1109XXX	C6T1100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6, Tailored CAT6+ Traceable Patch Cords

C6

Performance	
C6	Category 6, CAT6+

T1

Cable	
T1	Traceable, UTP, Bonded-Pair, 24 AWG Solid, CMR

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors				
01	Brown			
02	Red		12	TIA Red
03	Orange		13	TIA Orange
04	Yellow		14	TIA Yellow
05	Green		15	TIA Green
06	Blue		16	TIA Blue
07	Purple		17	TIA Purple
08	Gray			
09	White			
00	Black			

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

C6T1106007 – CAT6+ Traceable Patch Cord, UTP, Bonded-Pair, 24 AWG Solid, CMR T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

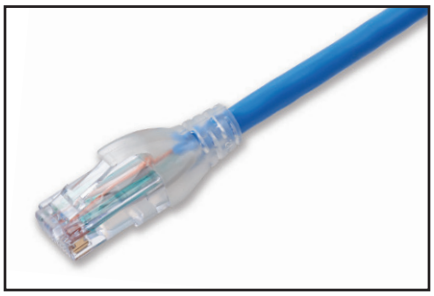
Category 6, CAT6+ Modular Pigtails

Nonbonded-Pair and Bonded-Pair

CAT6+ Modular Pigtails feature a snagless overmolded boot for high-performing strain relief. All pigtails feature solid conductors to improve attenuation and eliminate the need for cable de-rating in open-office cabling.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability



CAT6+ Modular Pigtail (connector end)

CAT6+ Modular Pigtail

Category 6, CAT6+ Modular Pigtails

Description	Belden Part Number		
	Nonbonded-Pair		
Length	Blue	Gray	White
CAT6+ Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568A-Open, Plenum-CMP			
15 ft (4.6 m)	C632206015	C632208015	C632209015
25 ft (7.6 m)	C632206025	C632208025	C632209025
35 ft (10.6 m)	C632206035	C632208035	C632209035
50 ft (15.2 m)	C632206050	C632208050	C632209050
XXX ft	C632206XXX	C632208XXX	C632209XXX
CAT6+ Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568A-Open, Riser-CMR			
15 ft (4.6 m)	C631206015	C631208015	C631209015
25 ft (7.6 m)	C631206025	C631208025	C631209025
35 ft (10.6 m)	C631206035	C631208035	C631209035
50 ft (15.2 m)	C631206050	C631208050	C631209050
XXX ft	C631206XXX	C631208XXX	C631209XXX
CAT6+ Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568B-Open, Plenum-CMP			
15 ft (4.6 m)	C632306015	C632308015	C632309015
25 ft (7.6 m)	C632306025	C632308025	C632309025
35 ft (10.6 m)	C632306035	C632308035	C632309035
50 ft (15.2 m)	C632306050	C632308050	C632309050
XXX ft	C632306XXX	C632308XXX	C632309XXX
CAT6+ Modular Pigtails, UTP, 4-pair, 23 AWG Solid, T568B-Open, Riser-CMR			
15 ft (4.6 m)	C631306015	C631308015	C631309015
25 ft (7.6 m)	C631306025	C631308025	C631309025
35 ft (10.6 m)	C631306035	C631308035	C631309035
50 ft (15.2 m)	C631306050	C631308050	C631309050
XXX ft	C631306XXX	C631308XXX	C631309XXX

Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6, Tailored CAT6+ Modular Pigtails

C6

Performance	
C6	Category 6, CAT6+

31

Cable	
01	UTP, Bonded-Pair, 24 AWG Solid, CMR
02	UTP, Bonded-Pair, 24 AWG Solid, CMP
31	UTP, Nonbonded-Pair, 24 AWG Solid, CMR
32	UTP, Nonbonded-Pair, 24 AWG Solid, CMP

2

Termination	
2	T568A-Open
3	T568B-Open

06

Colors			
01	Brown		
02	Red	12	TIA Red
03	Orange	13	TIA Orange
04	Yellow	14	TIA Yellow
05	Green	15	TIA Green
06	Blue	16	TIA Blue
07	Purple	17	TIA Purple
08	Gray		
09	White		
00	Black		

007

Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:

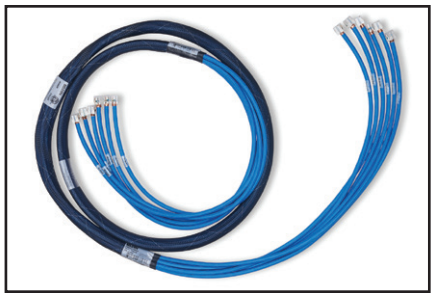
Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

C631206007 – CAT6+ Modular Pigtail, UTP, Nonbonded-Pair, 23 AWG Solid, CMR, T568A-OPEN, Blue, 7 ft (2.1 m)

Category 6, CAT6+ REVConnect Pre-Terminated Cabling System

Couplers and Cable Assemblies



CAT6+ REVConnect Pre-Terminated Cable Assemblies

The 3600 Pre-Terminated Cabling System guarantees Category 6 performance and headroom without tradeoffs or compromises on performance or reliability.

Proven modular components are the cornerstone of the system, including 3600 REVConnect Pre-Term Assemblies and CAT6+ REVConnect Couplers, Jacks and/or RJ45 Plugs. Bonded-Pair technology ensures that the cable assemblies offer exceptional structural stability and unfailing electrical performance. The patented Dual-FleX design ensures controlled plug/jack mated connections on both sides of the coupler. This provides an uninterrupted electrical path for superior connector reliability and transmission performance.

CAT6+ REVConnect Pre-Terminated Cable Assembly (1 cable)

Category 6, CAT6+ REVConnect Preloaded Patch Panels

Description	Belden Part Number	
Category 6 Preloaded Patch Panels	**Black**	**White**
CAT6+ REVConnect Patch Panel 24-port, 1U (Preloaded)	**RV6PPF1U24WH**	**RV6PPF1U24BK**
CAT6+ REVConnect Patch Panel 48-port, 2U (Preloaded)	**RV6PPF2U48WH**	**RV6PPF2U48BK**
CAT6+ REVConnect Angled Patch Panel 24-port, 1U (Preloaded)	**RV6PPA1U24WH**	**RV6PPA1U24BK**
CAT6+ REVConnect Angled Patch Panel 48-port, 2U (Preloaded)	**RV6PPA2U48WH**	**RV6PPA2U48BK**

Category 6, CAT6+ REVConnect Pre-Terminated Assemblies

C	B	06	6	U	C	T	R	B	006

Bundle Type	
B	Braided Sleeve
N*	No Sleeve, Single Cable, Core to Core

# of Cables	
01	1 Cable
06	6 Cables
08	8 Cables
12	12 Cables

Category	
6	Cat6
A	Cat6A

Unshielded/ Shielded	
U	FTP (F/UTP

Termination Type	
C	RC Core to Core
1	RC Core to RJ45 Plug
3	RC Core to Open

Wiring Scheme	
T	T568A/B–T568A/B
A	T568A-OPEN
B	T568B-OPEN

Fire Rating	
R	Riser
P	Plenum

Colors	
B	Blue
S	Gray
W	White
N	Black

Length	
006	6 ft (1.8 m)
007	7 ft (2.1 m)
008	8 ft (2.4 m)
009	9 ft (2.7 m)
010	10 ft (3 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

*Selection N is only available with **01**=1 Cable and **C**=Core to Core in length in feet 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

CB066UCTRB006 – CAT6+ REVConnect Pre-Terminated Trunk, Braided Sleeve, 6 Cables, CAT6+, Unshielded, Core to Core, T568A/B, Riser, Blue Jacket, 6 ft.

Call Interstate Wire Co., Inc. - (800) 527-0010

Faster.
Easier.
Better.

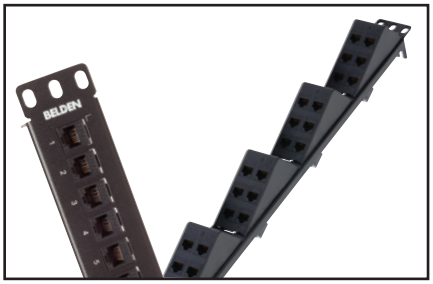
Category 6, CAT6+ Pre-Terminated Cabling System

Patch Panels, Couplers and Cable Assemblies

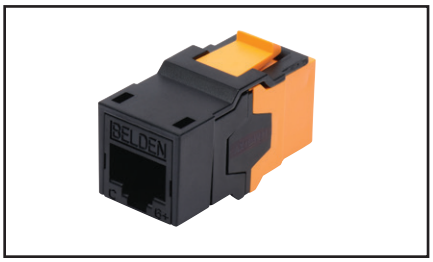
The CAT6+ Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6 performance and headroom, without the need for tradeoffs or compromise in performance and reliability.

Proven modular components are the cornerstone of the system, including 3600 Pre-Terminated Cable Assemblies and CAT6+ RJ45 Modular Couplers. These components rely on unique enabling technologies: Belden's Bonded-Pair technologies ensure that cable assemblies boast exceptional structural stability and unfailing electrical performance while the patented plug management bar design allows for excellent control of internal plug NEXT and superior plug/jack mated-pair performance.

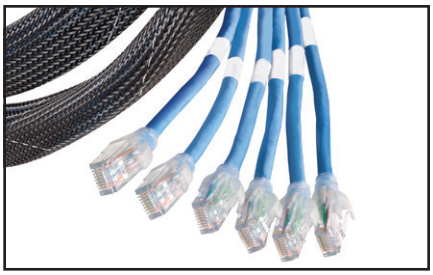
With simple planning, easy ordering and rapid delivery, the CAT6+ Pre-Terminated Cabling System can reduce installation time and labor costs by as much as 90%. In addition, this system supports plug-and-play installation and component reusability, resulting in lower installed costs and less waste.



CAT6+ KeyConnect Pre-Terminated Patch Panels (Preloaded)



CAT6+ RJ45 Coupler



3600 Pre-Terminated Cable Assembly

Category 6, CAT6+ Preloaded Coupler Patch Panels

Description	Belden Part Number
CAT6+ KeyConnect Coupler Patch Panels (Preloaded)	
CAT6+ KeyConnect Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	**AX104227**
CAT6+ KeyConnect Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	**AX104228**
CAT6+ KeyConnect Coupler Patch Panel, 48-port, 1U, Black (Preloaded)	**AX104591**
CAT6+ KeyConnect AngleFlex Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	**AX104568**
CAT6+ KeyConnect AngleFlex Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	**AX104570**
CAT6+ KeyConnect Angled Coupler Patch Panels (Preloaded)	
CAT6+ KeyConnect Angled Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	**AX105349**
CAT6+ KeyConnect Angled Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	**AX105350**
CAT6+ KeyConnect Angled Coupler Patch Panel, 48-port, 1U, Black (Preloaded)	**AX105351**
CAT6+ KeyConnect Vertical Mount Patch Panels (Preloaded)	
CAT6+ KeyConnect Vertical Mount Patch Panel, 8-Port, Black (Preloaded)	**AX105367***

Empty Patch Panels can be used when colored couplers are used
*Mount in XZUK01 and XZUK02 brackets

Category 6, CAT6+ KeyConnect RJ45 Couplers

Belden Part Number						
Orange	Red	Yellow	Green	Blue	White	Black
AX104206	**AX104207**	**AX104208**	**AX104209**	**AX104210**	**AX104214**	**AX104215**

Complete the 3600 Pre-Terminated System with CAT6+ Modular Patch Cords, see page 31 for ordering information.

Category 6, CAT6+ Pre-Terminated Trunks

C6

Performance	
C6	Category 6, CAT6+

01

Cable	
01	UTP, Bonded-pair, 24 AWG Solid, CMR
02	UTP, Bonded-pair, 23 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B

06

Colors	
06	Blue
08	Gray
09	White
00	Black

020

Length	
006	6 ft (1.8 m)
007	7 ft (2.1 m)
008	8 ft (2.4 m)
009	9 ft (2.7 m)
010	10 ft (3 m)
XXX	XXX ft

A06

# of Cables	
A06	6 Cables
A08	8 Cables

Notes:
Use XXX to specify length in feet - 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. If length is longer than 220 ft, 23 AWG cables are used.

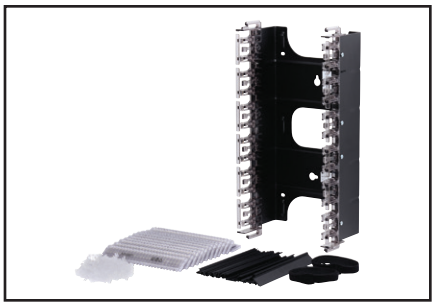
Example:

C601106020A06 – CAT6+ Pre-Terminated Trunk (bundle of six cables), UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 20 ft (2.1 m)

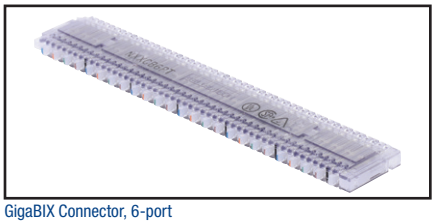
Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, CAT6+/GigaBIX IDC System

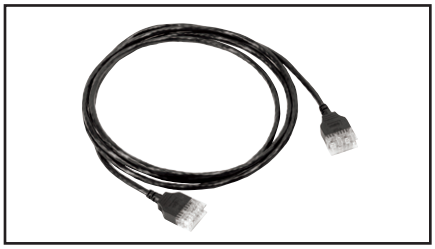
Kits, Components, Accessories and Patch Cords



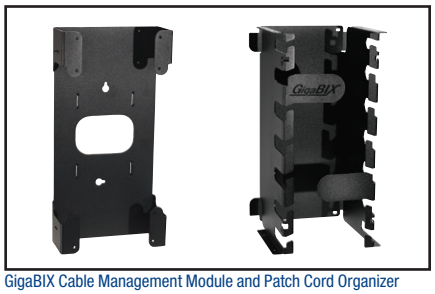
GigaBIX Termination Kit, 72-port



GigaBIX Connector, 6-port



CAT6+ GigaBIX Patch Cord, BIX-BIX, 4 ft



GigaBIX Cable Management Module and Patch Cord Organizer

The Belden GigaBIX Cross-Connect System takes advantage of the proven reliability of BIX technology to provide high-performance connections for data networks. This uniquely designed system allows for very high termination density, while maintaining ease of administration to accommodate moves, adds and changes.

Advantages of the Belden GigaBIX Cross-Connect System include easy installation and cable management, coupled with the industry's best performance-to-price ratio for high-density connectivity. The system allows up to 300 pairs to be terminated in a very small area—a real space-saving advantage in today's office environment where real estate is at a premium.

Category 6, GigaBIX IDC System

Description	Belden Part Number
GigaBIX Termination Kits	
GigaBIX Termination Kit, 72-port	AX101470
GigaBIX Termination Kit, 300-pair	AX101471
GigaBIX Rack Mount Termination Kit, 48-port	AX101985
GigaBIX Connecting Components	
GigaBIX Connector, 6-port	AX101447
GigaBIX Connector, 25-pair	AX101448
GigaBIX Mount, 12-connector	AX101472
GigaBIX Rack Mount Panel, 48-port, 3U, Empty	AX101986
GigaBIX Wire Guard	AX101486
GigaBIX Designation Strip	AX101483
GigaBIX Termination Bar	AX101719
GigaBIX Cable Management Accessories	
GigaBIX Cable Management Module	AX101469
GigaBIX Patch Cord Organizer	AX101468
GigaBIX Patch Cord Organizer, Cover	AX101521
GigaBIX Horizontal Channel Plate	AX101520
GigaBIX Management Ring	AX101478
GigaBIX Management Ring Adapter	AX102190
GigaBIX/MediaFlex Adapter	AX101987
GigaBIX/MediaFlex Designation Strip	AX107277
10GX IDC Connecting Block Holder 6 positions	AX102677
GigaBIX Color-Coded Clip, Red	AX102151
GigaBIX Color-Coded Clip, Yellow	AX102152
GigaBIX Color-Coded Clip, Green	AX102153
GigaBIX Color-Coded Clip, Blue	AX102154
GigaBIX Color-Coded Clip, Gray	AX102146
GigaBIX Color-Coded Clip, White	AX102148
GigaBIX Color-Coded Clip, Black	AX102149
GigaBIX Frames and Accessories	
GigaBIX Frame, 1152 ports/4800 pairs	AX102073
GigaBIX Deep Frame, 1152 ports/4800 pairs	AX104474
GigaBIX Frame End Kit	AX102082
GigaBIX Frame Overhead Kit	AX102145
Cross-Connect Wire	
GigaBIX 4-pair XC Wire, Spool-in-a-Box	XCGB4 000A1000
GigaBIX 4-pair XC Wire, Reel	XCGB4 0001000

Category 6, CAT6+ GigaBIX Patch Cords

Description	Belden Part Number		
Length	BIX-BIX	BIX-8MOD T568A-ISDN	BIX-8MOD T568B-ALT
4 ft (1.2 m)	AX101945	AX101951	AX101957
6 ft (1.8 m)	AX101946	AX101952	AX101958
8 ft (2.4 m)	AX101947	AX101953	AX101959
10 ft (3.0 m)	AX101948	AX101954	AX101960
15 ft (4.6 m)	AX101949	AX101955	AX101961
25 ft (7.6 m)	AX101950	AX101956	AX101962

Call Interstate Wire Co., Inc. - (800) 527-0010

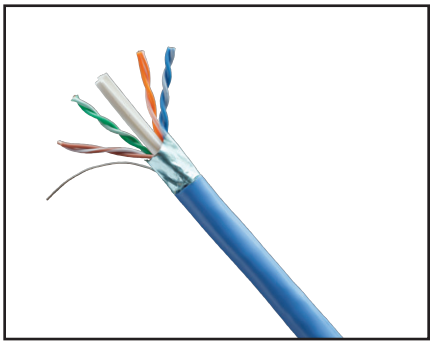
Category 6, DataTwist 2400 Shielded Cables

Nonbonded-Pair

DataTwist 2400 Shielded Cable consists of 4-pair F/UTP cables that exceed Category 6 ANSI/TIA/568-C.2 requirements. When used as the horizontal cable in the 2400 Shielded System, the channel provides at least 250 MHz of bandwidth. DataTwist 2400 F/UTP shielded cable has a thick, 100% coverage foil shield. This shield protects your system from harsh EMI environments, improving your data throughput.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff



DataTwist 2400 Shielded Cable

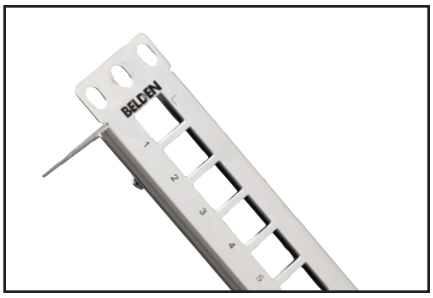
Category 6, DataTwist 2400 Shielded Cables

Description		Belden Part Number	
		Nonbonded-Pair	
Color	Length	Spool-in-Box	Spool
DataTwist 2400 Shielded Cables, F/UTP, 4-pair, 23 AWG, Plenum-CMP			
Red	1000 ft (305 m)	Available	**2413F 0021000**
Orange	1000 ft (305 m)	Available	**2413F 0031000**
Yellow	1000 ft (305 m)	Available	**2413F 0041000**
Green	1000 ft (305 m)	Available	**2413F 0051000**
Blue	1000 ft (305 m)	Available	**2413F D151000**
Purple	1000 ft (305 m)	Available	Available
Gray	1000 ft (305 m)	Available	**2413F 0081000**
White	1000 ft (305 m)	Available	**2413F 0091000**
Black	1000 ft (305 m)	Available	**2413F 0101000**
DataTwist 2400 Shielded Cables, F/UTP, 4-pair, 23 AWG, Riser-CMR			
Red	1000 ft (305 m)	Available	**2412F 0021000**
Orange	1000 ft (305 m)	Available	**2412F 0031000**
Yellow	1000 ft (305 m)	Available	**2412F 0041000**
Green	1000 ft (305 m)	Available	**2412F 0051000**
Blue	1000 ft (305 m)	Available	**2412F 0061000**
Purple	1000 ft (305 m)	Available	Available
Gray	1000 ft (305 m)	Available	**2412F 0081000**
White	1000 ft (305 m)	Available	**2412F 0091000**
Black	1000 ft (305 m)	Available	**2412F 0101000**

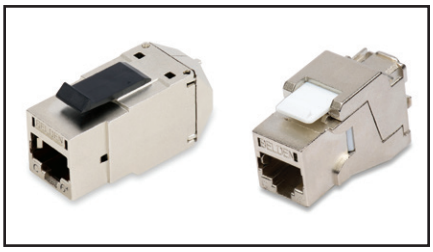
Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, CAT6+ Shielded System

Patch Panels, Jacks and Patch Cords



CAT6+ Shielded Modular Patch Panel (Empty)



CAT6+ Shielded REVConnect and KeyConnect Modular Jacks

CAT6+ Shielded Modular Patch Cords

CAT6+ Shielded Patch Panels provide a flexible, versatile and high-density termination solution for data center and telecom room installations. They come with a ground wire to guarantee shielding integrity (per ANSI/TIA-607-C) and cable management brackets for neat cable dressing. They can be configured using 10GX Shielded Modular Jacks available in REVConnect and KeyConnect styles.

The CAT6+ REVConnect module is a rugged, easy-to-install connector. Its termination features a universal core that accepts a jack or plug to support connections in a keystone outlet or direct connections into devices.

CAT6+ Shielded Modular Patch Cords are designed to be used within the 2400 Shielded System. They offer the best combination of transmission performance and shielding integrity.

Category 6, CAT6+ Shielded Modular Patch Panels

Description	Belden Part Number
CAT6+ KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	**AX104563**
CAT6+ KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	**AX104564**
CAT6+ KeyConnect Shielded Angled Patch Panel, 24-port, 1U, Titanium (Empty)	**AX104622**
CAT6+ KeyConnect Shielded Angled Patch Panel, 48-port, 2U, Titanium (Empty)	**AX104623**

Category 6, CAT6+ Shielded Modular Jacks

Description	Belden Part Number
CAT6+ Shielded KeyConnect Modular Jack, Metallic	**AX104596**
CAT6+ Shielded REVConnect Modular Jack, Single Pack	**RV6MJKSME-S1**
CAT6+ Shielded REVConnect Modular Jack, Bulk Pack	**RV6MJKSME-B24**

Color-coded icons and other accessories are available on page 64 and 65.

Category 6, CAT6+ Shielded Modular Patch Cords

Description	Belden Part Number			
	Nonbonded-Pair			
Length	Blue	Gray	White	Black
CAT6+ Shielded Modular Patch Cords, 4-pair, 24 AWG Solid, T568A/B–T568A/B, Riser-CMR				
2 ft (0.6 m)	**C6F1106002**	**C6F1108002**	**C6F1109002**	**C6F1100002**
4 ft (1.2 m)	**C6F1106004**	**C6F1108004**	**C6F1109004**	**C6F1100004**
7 ft (2.1 m)	**C6F1106007**	**C6F1108007**	**C6F1109007**	**C6F1100007**
10 ft (3.0 m)	**C6F1106010**	**C6F1108010**	**C6F1109010**	**C6F1100010**
15 ft (4.6 m)	**C6F1106015**	**C6F1108015**	**C6F1109015**	**C6F1100015**
25 ft (7.6 m)	**C6F1106025**	**C6F1108025**	**C6F1109025**	**C6F1100025**
XXX ft	**C6F1106XXX**	**C6F1108XXX**	**C6F1109XXX**	**C6F1100XXX**

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6, Tailored CAT6+ Shielded Modular Patch Cords

C6

	Performance
C6	Category 6, CAT6+

F1

	Cable
F1	Shielded, Nonbonded-Pair, 24 AWG Solid, CMR

1

	Termination
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

	Colors
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

007

	Length
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:
C6F1106007 – CAT6+ Shielded Modular Cord, Nonbonded-Pair, 24 AWG Solid, CMR, T56A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

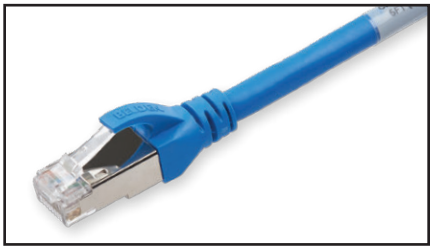
Category 6, CAT6+ Shielded System (continued)

Pigtails

CAT6+ Shielded Modular Pigtails feature solid conductors to improve attenuation and to eliminate the need for cable de-rating in open-office cabling.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability



CAT6+ Shielded Modular Pigtail (connector end)

Category 6, CAT6+ Shielded Modular Pigtails

Dscription	Belden Part Number	
	Nonbonded-Pair	
Length	Blue	Gray
CAT6+ Shielded Modular Pigtails, 4-pair, 24 AWG Solid, T568A–Open, Riser-CMR		
15 ft (4.6 m)	C6F1206015	C6F1208015
25 ft (7.6 m)	C6F1206025	C6F1208025
35 ft (10.6 m)	C6F1206035	C6F1208035
50 ft (15.2 m)	C6F1206050	C6F1208050
XXX ft	C6F1206XXX	C6F1208XXX
CAT6+ Shielded Modular Pigtails, 4-pair, 24 AWG Solid, T568B–Open, Riser-CMR		
15 ft (4.6 m)	C6F1306015	C6F1308015
25 ft (7.6 m)	C6F1306025	C6F1308025
35 ft (10.6 m)	C6F1306035	C6F1308035
50 ft (15.2 m)	C6F1306050	C6F1308050
XXX ft	C6F1306XXX	C6F1308XXX

Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 6, Tailored CAT6+ Shielded Pigtails

C6

Performance	
C6	Category 6, CAT6+

F1

Cable	
F1	Shielded Nonbonded-Pair, 24 AWG Solid, CMR

2

Termination	
2	T568A-Open
3	T568B-Open

06

Colors	
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

030

Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:
C6F1206030 – CAT6+ Shielded Pigtail, Nonbonded-Pair, 24 AWG Solid, CMR, T568A-Open, Blue, 30 ft (9.5m)

BELDEN

SECTION THREE

Category 5e Systems

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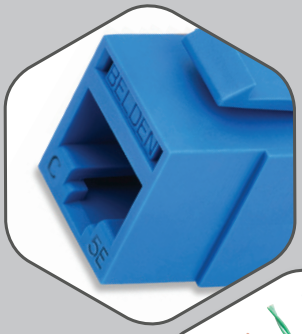
CAT5E Shielded System	51-52



The 1200 System is the best performing Category 5e system available, exceeding all requirements for Category 5e performance with guaranteed bandwidth to 160 MHz. The system is comprised of Nonbonded-Pair or Bonded-Pair DataTwist 1200 Cable, KeyConnect Patch Panels and CAT5E Modular Jacks and Cords. A BIX Cross-Connect System, 110 Cross-Connect System and end-to-end shielded system are also available as part of Belden's comprehensive Category 5e offering. The 1200 System features several Belden innovations that ease installation and management, ensure maximum performance and support a variety of environments.

DataTwist 1200 Bonded-Pair Enhanced Category 5e Cable is available in plenum and non-plenum versions. Using patented Bonded-Pair technology, DataTwist 1200 cable offers superior electrical performance that exceeds Category 5e performance.

DataTwist 1200 Banana Peel® Enhanced Category 5e Cable uses a unique patented design that bundles six DataTwist Bonded-Pair Category 5e Cables to a center spline, offering a smaller size for easier termination and installation.

CAT5E HD Patch Panels combine punch down connectors with standard modular jacks to speed installation. CAT5E HD Patch Boxes, available in BIX and 110 configurations, hold a 12-port universal connector module in a compact and robust metal enclosure.

CAT5E KeyConnect Modular Jacks feature patented Encapsulated Lead Frame technology that offers excellent long-term reliability as well as extremely stable transmission performance.

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 5e, DataTwist 1200 Cables

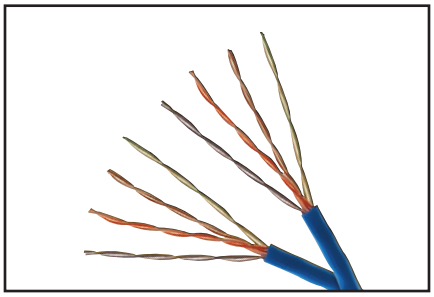
Nonbonded-Pair, Bonded-Pair

DataTwist 1200 Cable Series consists of 4-pair UTP cables that exceed Category 5e ANSI/TIA/EIA-568-C.2 requirements. When used as the horizontal cable in the Belden 1200 System, the channel provides 160 MHz of bandwidth.

DataTwist 1200 Banana Peel® Enhanced Category 5e Cable is a patented design that effectively bundles six DataTwist 1200 Bonded-Pair Category 5e Cables to a center spline, eliminating the need for an overall jacket. The elimination of the outer jacket means simpler termination by peeling the cables directly off the spline, as well as a decrease in size and relative bend radius.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff



DataTwist 1200 UTP Cable

Category 5e, DataTwist 1200 Cables

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair (DT350)	
Color	Length	UnReel Box	Spool	UnReel Box	Spool
DataTwist 1200 Cables, UTP, 4-pair, 24 AWG, Plenum-CMP					
Red	1000 ft (305 m)	Available	Available	**1701A 002U1000**	**1701A 0021000**
Orange	1000 ft (305 m)	**1213 003U1000**	Available	**1701A 003U1000**	**1701A 0031000**
Yellow	1000 ft (305 m)	**1213 004U1000**	Available	**1701A 004U1000**	**1701A 0041000**
Green	1000 ft (305 m)	**1213 005U1000**	Available	**1701A 005U1000**	**1701A 0051000**
Blue	1000 ft (305 m)	**1213 D15U1000**	**1213 D151000**	**1701A D15U1000**	**1701A D151000**
Purple	1000 ft (305 m)	**1213 007U1000**	Available	**1701A B02U1000**	**1701A B021000**
Gray	1000 ft (305 m)	**1213 008U1000**	Available	**1701A 008U1000**	Available
White	1000 ft (305 m)	**1213 009U1000**	**1213 0091000**	**1701A 009U1000**	**1701A 0091000**
Black	1000 ft (305 m)	**1213 010U1000**	Available	**1701A 010U1000**	**1701A 0101000**
Pink	1000 ft (305 m)	**1213 012U1000**	Available	Available	Available
Natural	1000 ft (305 m)	Available	Available	**1701A 877U1000**	**1701A 8771000**
Blue	2500 ft (762 m)	Available	**1213 D152500**	Available	Available
White	2500 ft (762 m)	Available	**1213 0092500**	Available	Available
DataTwist 1200 Cables, UTP, 4-pair, 24 AWG, Riser-CMR					
Red	1000 ft (305 m)	Available	Available	**1700A 002U1000**	**1700A 0021000**
Orange	1000 ft (305 m)	**1212 003U1000**	Available	**1700A 003U1000**	**1700A 0031000**
Yellow	1000 ft (305 m)	**1212 004U1000**	Available	**1700A 004U1000**	**1700A 0041000**
Green	1000 ft (305 m)	**1212 005U1000**	Available	**1700A 005U1000**	**1700A 0051000**
Blue	1000 ft (305 m)	**1212 006U1000**	**1212 0061000**	**1700A 006U1000**	**1700A 0061000**
Purple	1000 ft (305 m)	Available	Available	**1700A B02U1000**	**1700A B021000**
Lt. Gray	1000 ft (305 m)	Available	Available	**1700A F2VU1000**	**1700A F2V1000**
Gray	1000 ft (305 m)	**1212 008U1000**	Available	**1700A 008U1000**	Available
White	1000 ft (305 m)	**1212 009U1000**	**1212 0091000**	**1700A 009U1000**	**1700A 0091000**
Black	1000 ft (305 m)	**1212 010U1000**	Available	**1700A 010U1000**	**1700A 0101000**
Blue	2500 ft (762 m)	Available	**1212 0062500**	Available	Available
DataTwist 1200 Cables, UTP, 4-pair, 24 AWG, LSZH					
Purple	1000 ft (305 m)	**1224 007U1000**	Available	Available	Available

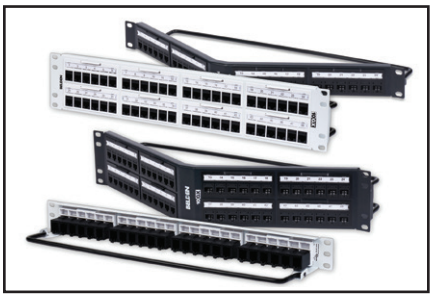
Enhanced Category 5e, DataTwist 1200 Banana Peel Cables

Description		Belden Part Number
		Bonded-Pair
Color	Length	Spool
DataTwist 1200 Banana Peel Cables, UTP, Plenum-CMP, 6-pack		
Blue	500 ft (152 m)	**1701S6 D15500**
Blue	1000 ft (305 m)	**1701S6 D151000**
DataTwist 1200 Banana Peel Cables, UTP, Riser-CMR, 6-pack		
Blue	500 ft (152 m)	**1700S6 006500**
Lt. Gray	500 ft (152 m)	**1700S6 F2V500**
Blue	1000 ft (305 m)	**1700S6 0061000**
Lt. Gray	1000 ft (305 m)	**1700S6 F2V1000**

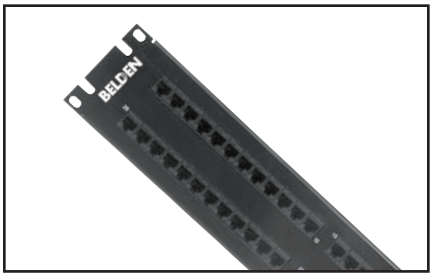
Call Interstate Wire Co., Inc. - (800) 527-0010

Category 5e, CAT5E Patch Panels

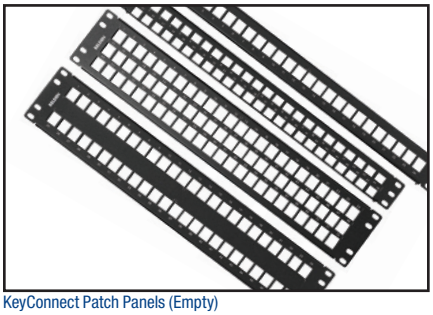
Preloaded and Modular



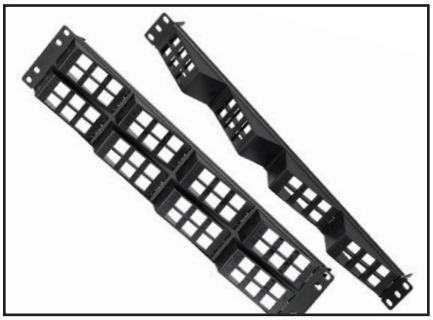
REVConnect Preloaded Patch Panels (10GX shown)



CAT5E HD Patch Panels



KeyConnect Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels

CAT5E Patch Panels are available in REVConnect and KeyConnect styles, as well as HD-BIX and HD-110. Configurations include 24-port 1U, 48-port 2U and 48-port 1U in flat and angled designs. Preloaded panels are available with RJ45 jacks.

Benefits

- Performance up to 160 MHz (1200 System)
- Flat and angled options available
- Quick and easy termination with REVConnect termination tool (REVConnect patch panels)
- Front access options (REVConnect patch panels) for additional versatility

Features

- REVConnect patch panels feature Belden's revolutionary REVConnect core technology
- REVConnect Patch Panels compatible with color icons and dust covers
- KeyConnect patch panels feature Belden CAT5E KeyConnect connectors with patented leadframe technology
- Single-port modularity on REVConnect and KeyConnect standard densities
- Labeling and cable management accessories included with all patch panels

Category 5e, CAT5E Preloaded Patch Panels

Description	Belden Part Number	
	White	Black
CAT5E REVConnect Patch Panels (Preloaded)		
CAT5E REVConnect Patch Panel 24-port, 1U (Preloaded)	RV5PPF1U24WH	RV5PPF1U24BK
CAT5E REVConnect Patch Panel 48-port, 2U (Preloaded)	RV5PPF2U48WH	RV5PPF2U48BK
CAT5E REVConnect Angled Patch Panel 24-port, 1U (Preloaded)	RV5PPA1U24WH	RV5PPA1U24BK
CAT5E REVConnect Angled Patch Panel 48-port, 2U (Preloaded)	RV5PPA2U48WH	RV5PPA2U48BK
CAT5E KeyConnect Patch Panels (Preloaded)		Black
CAT5E KeyConnect Patch Panel, 24-port, 1U (Preloaded)	—	AX104013
CAT5E KeyConnect Patch Panel, 48-port, 2U (Preloaded)	—	AX104014
CAT5E KeyConnect Angled Patch Panel, 24-port, 1U (Preloaded)	—	AX105357
CAT5E KeyConnect Angled Patch Panel, 48-port, 2U (Preloaded)	—	AX105358
CAT5E KeyConnect Angled Patch Panel, 48-port, 1U (Preloaded)	—	AX105359
CAT5E HD Patch Panels (Preloaded)		Black
CAT5E HD-BIX Patch Panel, 24-port, 1U (Preloaded)	—	AX103260
CAT5E HD-BIX Patch Panel, 48-port, 2U (Preloaded)	—	AX103261
CAT5E HD-110 Patch Panel, 24-port, 1U (Preloaded)	—	AX103258
CAT5E HD-110 Patch Panel, 48-port, 2U (Preloaded)	—	AX103259
CAT5E Ultra-High-Density Patch Panel (Preloaded)		Black
CAT5E Ultra-High-Density Patch Panel, 48-port, 1U (Preloaded)	—	AX103262

Modular Patch Panels

Description	Belden Part Number
KeyConnect Modular Patch Panels (Empty)	Black
KeyConnect Patch Panel, 24-port, 1U (Empty)	AX103114
KeyConnect Patch Panel, 48-port, 2U (Empty)	AX103115
KeyConnect Patch Panel, 72-port, 2U (Empty)	AX103116
KeyConnect Patch Panel, 48-port, 1U (Empty)	AX103121
KeyConnect Angled Patch Panel, 24-port, 1U (Empty)	AX104599
KeyConnect Angled Patch Panel, 48-port, 2U (Empty)	AX104601
KeyConnect Angled Patch Panel, 48-port, 1U (Empty)	AX104600
KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)	AX103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)	AX103249

Front Access Patch Panels and Accessories

Description	Belden Part Number
KeyConnect Front Access Patch Panels (Empty)	
KeyConnect Front Access Patch Panel, 24-port, 1U, Black (Empty)	AX106288
KeyConnect Front Access Patch Panel, 48-port, 2U, Black (Empty)	AX106289
KeyConnect Front Access Patch Panel, 72-port, 2U, Black (Empty)	AX106290
Labeling Kit (12 strips and LabelFlex sheets for 96 ports) (Empty)	AX106291
Spare Bezel Kit for Front Access Patch Panel, 24-Pack (Empty)	AX106292-B24

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 5e, Patch Panels and Boxes

Modular and HD

Flex Patch Panels provide a flexible and versatile termination solution using MDVO modules for telecom room rack-mounted installations.

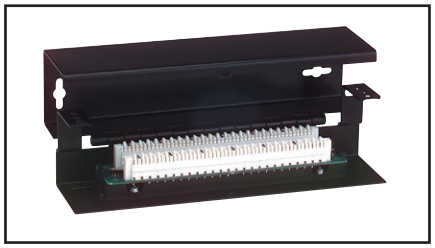
CAT5E HD Patch Boxes are available in BIX and 110 configurations, and hold one 12-port universal connector module in a compact and robust metal enclosure. The patch box features a hinged cover and support brackets to secure cables and maintain patch cord bend radius.

Modular Patch Boxes (in KeyConnect and MDVO) can be custom configured in the field using up to 12 Modular Jacks or Multimedia Modules. Modules are ordered separately.

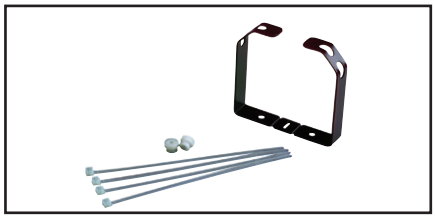
Flex Patch Panel, 24-port, 1U, Black (Empty)

KeyConnect Patch Box

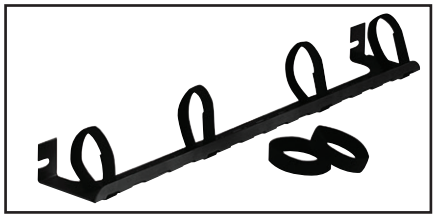
MDVO Patch Box



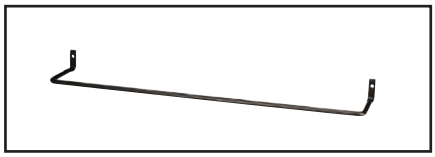
HD Patch Box, Open



Rear Cable Bracket Kit for HD-series Patch Panels



Patch Cord/Cable Support Bracket



Cable Tie Bar for cable management (rack mounting)

Modular Patch Panels MDVO Style

Description	Belden Part Number
Flex Patch Panels (Empty)	
Flex Patch Panel, 24-port, 1U, Black (Empty)	**AX101456**
Flex Patch Panel, 48-port, 2U, Black (Empty)	**AX101458**

Modular Patch Boxes, Replacement Modules and Accessories

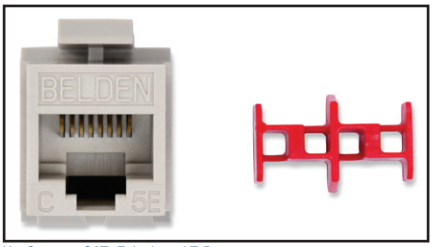
Description	Belden Part Number
Modular Patch Boxes Patch Boxes	
KeyConnect Patch Box, 12-port, Black (Empty)	**AX107477**
MDVO Patch Box, 12-port, Black (Empty)	**AX100282**
CAT5E HD Patch Boxes	
CAT5E HD-BIX Patch Box, 12-port, Black, T568A/B	**AX100284**
CAT5E HD-110 Patch Box, 12-port, Black, T568B/A	**AX100491**
CAT5E HD-BIX Replacement Module (for HD Patch Panels and HD Patch Boxes)	**AX100458**
CAT5E HD-110 Replacement Module (for HD Patch Panels and HD Patch Boxes)	**AX100461**
Patch Panel Accessories	
Label Holder for patch panel port ID, 5.5 inch long (140 mm), 100 units/pack	**AX102782**
Label Holder for patch panel port ID, 7.4 inch long (188 mm), 100 units/pack	**AX101093**
Label Holder for patch panel port ID, 17 inch long (432 mm), 100 units/pack	**AX105391**
Rear Cable Tie Bar for KeyConnect Patch Panels (between brackets)	**AX104303**
Short Bracket Kit for KeyConnect Patch Panels (Rear Cable Management)	**AX104454**
Rear Cable Bracket Kit for HD-series Patch Panels	**AX100463**
Cable Tie Bar for cable management (rack mounting)	**AX101173**
Cable Tie Bar for HD-Series Patch Panels	**AX100780**
Angled management bar with cable clips (rack mounting)	**AX102641**
Patch Cord/Cable Support Bracket (rack mounting)	**AX100789**

Category 5e, CAT5E Connectors, Tools and Accessories

REVConnect, KeyConnect and MDVO

REVConnect Jack Housings available in 19 colors

REVConnect Termination Tool; includes one Cable Prep Tool and spare blade set



KeyConnect CAT5E Jack and T-Bar

CAT5E Connectors are available in two termination styles: Belden's new REVConnect System and standard punchdown in KeyConnect or MDVO styles. REVConnect and KeyConnect have a keystone footprint and are designed to be used with any KeyConnect Patch Panels and with KeyConnect or MediaFlex Workstation Outlets.

Benefits

- REVConnect: Safe connectivity for air-handling spaces
- REVConnect: Offers great versatility and labor savings
- Provides excellent durability and performance stability

Features

- REVConnect: Plenum rated - meets UL 2043 requirements
- REVConnect: Requires no pair separation; the best connector for Bonded-Pair and Nonbonded-Pair cable
- REVConnect: Terminates four pairs simultaneously with REVConnect Universal Termination Tool
- KeyConnect/MDVO: Compatible with Belden's Rapid Termination Tool
- Meets and exceeds all Category 5e component performance

Category 5e, CAT5E Modular Jacks

Description	Belden Part Number				
	REVConnect Jacks		Punchdown Jacks		
Color	Single Pack	Bulk Pack (24 Connectors)	KeyConnect	Bulk Pack (24 Connectors)	MDVO
Gray	RV5MJKUGY-S1	RV5MJKUGY-B24	AX101307	AX101307-B24	AX101044
Almond	RV5MJKUAL-S1	RV5MJKUAL-B24	AX101308	AX101308-B24	AX101045
Electric White	RV5MJKUEW-S1	RV5MJKUEW-B24	AX101309	AX101309-B24	AX101046*
Black	RV5MJKUBK-S1	RV5MJKUBK-B24	AX101310	AX101310-B24	AX101047
Ivory	RV5MJKUIV-S1	RV5MJKUIV-B24	AX103079	AX103079-B24	AX102564
Brown	RV5MJKUBR-S1	RV5MJKUBR-B24	AX104188	AX104188-B24	—
Red	RV5MJKURD-S1	RV5MJKURD-B24	AX104183	AX104183-B24	—
Orange	RV5MJKUOR-S1	RV5MJKUOR-B24	AX104182	AX104182-B24	—
Yellow	RV5MJKUYL-S1	RV5MJKUYL-B24	AX104184	AX104184-B24	—
Green	RV5MJKUGN-S1	RV5MJKUGN-B24	AX104185	AX104185-B24	—
Blue	RV5MJKUBL-S1	RV5MJKUBL-B24	AX104186	AX104186-B24	—
Purple	RV5MJKUPR-S1	RV5MJKUPR-B24	AX104187	AX104187-B24	—
TIA Brown	RV5MJKUTN-S1	RV5MJKUTN-B24	AX101317	—	AX101054
TIA Red	RV5MJKUTR-S1	RV5MJKUTR-B24	AX101312	—	AX101049
TIA Orange	RV5MJKUTO-S1	RV5MJKUTO-B24	AX101311	—	AX101048
TIA Yellow	RV5MJKUTY-S1	RV5MJKUTY-B24	AX101313	—	AX101050
TIA Green	RV5MJKUTG-S1	RV5MJKUTG-B24	AX101314	—	AX101051
TIA Blue	RV5MJKUTB-S1	RV5MJKUTB-B24	AX101315	—	AX101052
TIA Purple	RV5MJKUTP-S1	RV5MJKUTP-B24	AX101316	—	AX101053

*MDVO jack is white. Color-coded icons and other accessories are available on page 64 and 65.

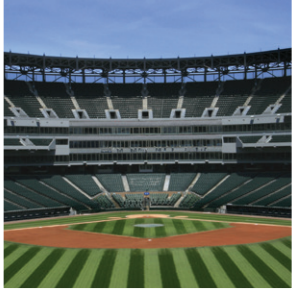
REVConnect Tools and Accessories

Description	Belden Part Number
Universal Termination Tool	RVUTT01
Tool Blade Replacement Set	RVUTB01
Tool Belt Clip	RVUTC01
Replacement Cable Prep Tool	RVUCT01
REVConnect Spare Cores	
Replacement Caps and Cable Managers (50 of each in pack)	RVUCOEW-B50

KeyConnect/MDVO Replacement T-Bars

Description	Belden Part Number
Replacement T-Bars, bag of 24 pieces	PX103356R

Call Interstate Wire Co., Inc. - (800) 527-0010

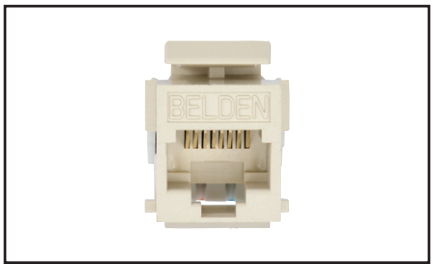


Category 5e, CAT5E EZ-MDVO Modular Jacks

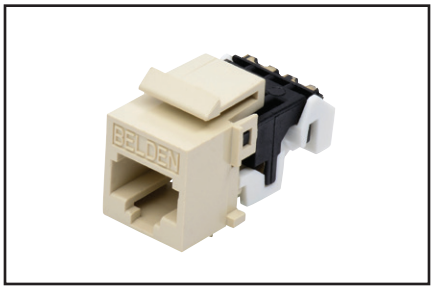
KeyConnect and MDVO

The EZ-MDVO Module is built with a patented leadframe design and encapsulated insulation displacement contacts, ensuring reliable connections and performance well above Category 5e standards. The unique EZ-MDVO module termination cap allows for a simple and fast "press-fit" installation while ensuring consistent wire termination every time it is snap-locked. The module termination cap is color coded to facilitate wire arrangement and speed up installation time. The termination cap is printed with T568A/B color codes.

The KeyConnect version has a keystone footprint, and is designed to be used with KeyConnect and AngleFlex Patch Panels and with KeyConnect and MediaFlex Workstation Outlets. MDVO is designed to be used with Flex Patch Panels, as well as Interface and MediaFlex Workstation Outlets. The modular jacks can also be mixed and matched with a wide variety of adapters and boxes to suit practically any installation configuration for workstation outlet, consolidation point and telecommunications closet applications.



CAT5E EZ-MDVO Modular Jack, MDVO



CAT5E EZ-MDVO Modular Jack, MDVO

Category 5e, CAT5E Modular Jacks

Description	Belden Part Number	
	KeyConnect	MDVO
EZ-MDVO CAT5E Modular Jacks		
Gray	**AX100577**	**AX100645**
Almond	**AX100578**	**AX100646**
White	**AX100579**	**AX100647**
Black	**AX100580**	**AX100648**
Orange, TIA 606	**AX100581**	**AX100649**
Red, TIA 606	**AX100582**	**AX100650**
Yellow, TIA 606	**AX100583**	**AX100651**
Green, TIA 606	**AX100584**	**AX100652**
Blue, TIA 606	**AX100585**	**AX100653**
Purple, TIA 606	**AX100586**	**AX100654**
Brown, TIA 606	**AX100587**	**AX100655**

Color-coded icons and other accessories are available on page 64.

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 5e, CAT5E Modular Patch Cords

Bonded-Pair

CAT5E Modular Patch Cords

CAT5E Modular Patch Cords are made with Belden's patented robust design Bonded-Pair cables. They offer the best combination of transmission performance and physical integrity.

Features

- Made with small-diameter Bonded-Pair cable for greater flexibility and higher-density installations
- Solid conductors improve attenuation and are needed in long patch cords and pigtails to eliminate the need for cable de-rating in open-office cabling
- Improved strain relief and a flexible boot for optimum protection in high-density installations
- Wrap-around labels on each cord provide easier product identification and length sorting

Category 5e, CAT5E Modular Patch Cords

Description	Belden Part Number					
	Bonded-Pair					
Length	Yellow	Green	Blue	Gray	White	Black
CAT5E Modular Patch Cords, UTP, 4-pair, 24 AWG Solid, T568A/B-T568A/B, Riser-CMR						
2 ft (0.6 m)	C501104002	C501105002	C501106002	C501108002	C501109002	C501100002
4 ft (1.2 m)	C501104004	C501105004	C501106004	C501108004	C501109004	C501100004
7 ft (2.1 m)	C501104007	C501105007	C501106007	C501108007	C501109007	C501100007
10 ft (3.0 m)	C501104010	C501105010	C501106010	C501108010	C501109010	C501100010
15 ft (4.6 m)	C501104015	C501105015	C501106015	C501108015	C501109015	C501100015
25 ft (7.6 m)	C501104025	C501105025	C501106025	C501108025	C501109025	C501100025
XXX ft	C501104XXX	C501105XXX	C501106XXX	C501108XXX	C501109XXX	C501100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 5e, Tailored CAT5E Modular Patch Cords

C5

Performance	
C5	Category 5e, CAT5E

01

Cable	
01	UTP, Bonded-Pair, 24 AWG Solid, CMR
02	UTP, Bonded-Pair, 24 AWG Solid, CMP

1

Termination	
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

Colors			
01	Brown		
02	Red	12	TIA Red
03	Orange	13	TIA Orange
04	Yellow	14	TIA Yellow
05	Green	15	TIA Green
06	Blue	16	TIA Blue
07	Purple	17	TIA Purple
08	Gray		
09	White		
00	Black		

007

Length	
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

C501106007 – CAT5E Modular Cord, UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Call Interstate Wire Co., Inc. - (800) 527-0010

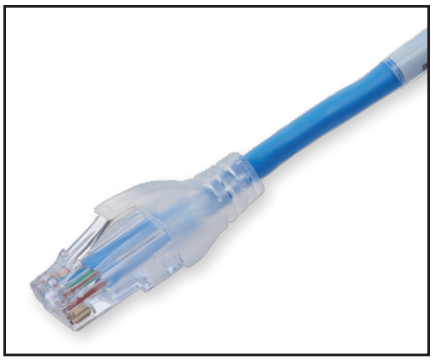
Category 5e, CAT5E Modular Pigtails

Nonbonded-Pair and Bonded-Pair

CAT5E Modular Pigtails are available in both Nonbonded and Bonded-Pair cable styles for field installation preferences. They feature a snagless overmolded boot for high-performing strain relief. All pigtails feature solid conductors to improve attenuation and eliminate the need for cable de-rating in open-office cabling.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability



CAT5E Modular Pigtail (connector end)

CAT5E Modular Pigtail

Category 5e, CAT5E Modular Pigtails

Description	Belden Part Number		
	Nonbonded-Pair		
Length	Blue	Gray	White
CAT5E Modular Pigtails, UTP, 4-pair, 24 AWG Solid, T568A–Open, Plenum-CMP			
15 ft (4.6 m)	C532206015	C532208015	C532209015
25 ft (7.6 m)	C532206025	C532208025	C532209025
35 ft (10.6 m)	C532206035	C532208035	C532209035
50 ft (15.2 m)	C532206050	C532208050	C532209050
XXX ft	C532206XXX	C532208XXX	C532209XXX
CAT5E Modular Pigtails, UTP, 4-pair, 24 AWG Solid, T568A–Open, Riser-CMR			
15 ft (4.6 m)	C531206015	C531208015	C531209015
25 ft (7.6 m)	C531206025	C531208025	C531209025
35 ft (10.6 m)	C531206035	C531208035	C531209035
50 ft (15.2 m)	C531206050	C531208050	C531209050
XXX ft	C531206XXX	C531208XXX	C531209XXX
CAT5E Modular Pigtails, UTP, 4-pair, 24 AWG Solid, T568B–Open, Plenum-CMP			
15 ft (4.6 m)	C532306015	C532308015	C532309015
25 ft (7.6 m)	C532306025	C532308025	C532309025
35 ft (10.6 m)	C532306035	C532308035	C532309035
50 ft (15.2 m)	C532306050	C532308050	C532309050
XXX ft	C532306XXX	C532308XXX	C532309XXX
CAT5E Modular Pigtails, UTP, 4-pair, 24 AWG Solid, T568B–Open, Riser-CMR			
15 ft (4.6 m)	C531306015	C531308015	C531309015
25 ft (7.6 m)	C531306025	C531308025	C531309025
35 ft (10.6 m)	C531306035	C531308035	C531309035
50 ft (15.2 m)	C531306050	C531308050	C531309050
XXX ft	C531306XXX	C531308XXX	C531309XXX

Use XXX to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 5e, Tailored CAT5E Modular Pigtails

C5

Performance	
C5	Category 5e, CAT5E

31

Cable	
01	UTP Bonded-Pair, 24 AWG Solid, CMR
02	UTP Bonded-Pair, 24 AWG Solid, CMP
31	UTP Nonbonded-Pair, 24 AWG Solid, CMR
32	UTP Nonbonded-Pair, 24 AWG Solid, CMP

2

Termination	
2	T568A-Open
3	T568B-Open

06

Colors				
01	Brown			
02	Red		12	TIA Red
03	Orange		13	TIA Orange
04	Yellow		14	TIA Yellow
05	Green		15	TIA Green
06	Blue		16	TIA Blue
07	Purple		17	TIA Purple
08	Gray			
09	White			
00	Black			

007

Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:

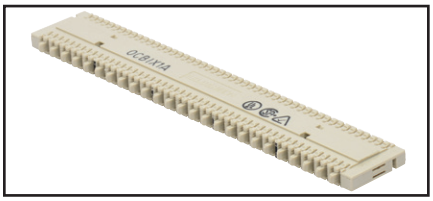
Use xxx to specify length in feet - 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:

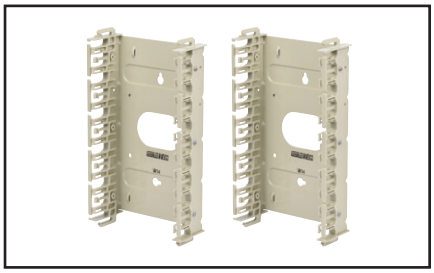
C531206007 – CAT5E Modular Pigtail, UTP, Nonbonded-Pair, 24 AWG Solid, CMR, T568A-Open, Blue, 7 ft (2.1 m)

BIX Cross-Connect System

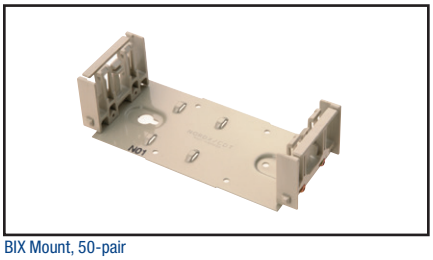
Components, Patch Cords, Wires and Accessories



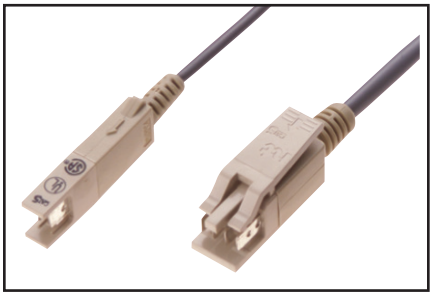
Distibution Connector



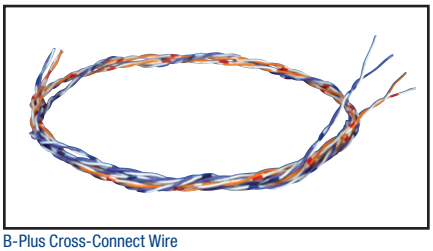
BIX Mount, 300-pair



BIX Mount, 50-pair



BIX Patch Cord, 1-Pair and 2-Pair



B-Plus Cross-Connect Wire

The Belden BIX Cross-Connect System takes advantage of the proven reliability of BIX technology to provide high-performance connections for voice and data networks. This uniquely designed system allows for very high termination density while maintaining ease of administration to accommodate MACs.

Advantages of the Belden BIX Cross-Connect System include easy installation and cable management, coupled with the industry's best performance-to-price ratio for high-density connectivity. The system allows for multiple mounting options of various connectors used in voice and data distribution systems.

BIX Cross-Connect System

Description		Belden Part Number
BIX Connectors		
BIX Distribution Connector, 5-pair Marking		A0266828
BIX Distribution Connector, 4-pair Marking		A0393146
BIX Multiplying Connector, QCBIX2A, 25-pair, 12x2-pair		A0269923
BIX Multiplying Connector, QCBIX5A, 25-pair, 5x5-pair		A0266827
BIX Multiplying Connector, QCBIX7A, 25-pair, 2x2-pair and 3x7-pair		A0269925
BIX Modular Jack Connector, NXXCBMC6U, 6-port, Category 5e, T568A/B Coded		AX100798
BIX Modular Jack Connector, QCBIX36D, 6-port, USOC, 8-pin		A0341173
BIX Modular Jack Connector, QCBIX36C, 8-port, USOC, 6-pin		A0330864
BIX Modular Jack Connector, QCBIX36B, 12-port, USOC, 4-pin		A0330863
BIX Mounts and Accessories		
BIX Mount, QMBIX12E, 300-pair		A0340836
BIX Mount, QMBIX10A, 250-pair		A0270164
BIX Mount, 50-pair		A0284798
BIX Mount with Locking Cover, 50-pair		A0277853
BIX Mount with Snap-on Cover, 50-pair		A0277854
BIX Locking Cover, for QMBIX12E, 300-pair		A0340838
BIX Locking Cover, for QMBIX10A, 250-pair		A0285986
BIX Cover, QMBIX10A, Stand-alone Installation, locking		A0276396
BIX Cover, QMBIX10A, Stand-alone Installation, non-locking		A0276394
BIX Distribution Ring		A0270168
BIX Designation Strip, White		A0270169
BIX Patch Cords	**1-Pair**	**2 Pair**
4 ft (1.2 m)	A0410469	A0410494
7 ft (2.1 m)	A0410471	A0410495
10 ft (3.0 m)	A0410473	A0410496
15 ft (4.6 m)	A0410475	A0410497
25 ft (7.6 m)	A0410493	—

For 4-pair connections, please see the GigaBIX Patch Cord section (Modular Patch Cords page 36).

CAT5E GigaBIX Patch Cords, Gray	BIX-BIX	BIX-MA	BIX-MB
4 ft (1.2 m)	AX101963	AX101969	AX101975
6 ft (1.8 m)	AX101964	AX101970	AX101976
8 ft (2.4 m)	AX101965	AX101971	AX101977
10 ft (3.0 m)	AX101966	AX101972	AX101978
15 ft (4.6 m)	AX101967	AX101973	AX101979
25 ft (7.6 m)	AX101968	AX101974	AX101980

BIX Cross-Connect Wire	
1-pair, Wh/Bl, 1000 ft (305 m), K-Carton	XCB1 D87K1000
1-pair, Wh/Bl, 1000 ft (305 m), Spool (S77)	XCB1 D871000
1-pair, Z XC Wire, Bl/Ye, 1000 ft (305 m)	XCZ1 E031000
1-pair, Z XC Wire, Bl/Rd, 1000 ft (305 m)	XCZ1 D921000
2-pair, Wh/Bl/Wh/Or, 1000 ft (305 m), K-Carton	XCB2 042K1000
2-pair, Wh/Gr/Wh/Or, 1000 ft (305 m), K-Carton	XCB2 A5RK1000
4-pair, Wh/Bl/Wh/Or/Wh/Gr/Wh/Br, 152 m (500 ft), K-Carton	XCB4 000K500
BIX Tools and Accessories	
BIX Connecting Tool	A0270165
BIX Tool Pouch	C0054642
BIX Test Probe, 1-pair	A0270166
BIX Special Service Guard, 1-pair, Red	A0270172
BIX Bridging Clip, 1-pair, Gray	A0325091
BIX Rack Bracket Kit 19 in	A0352331

Call Interstate Wire Co., Inc. - (800) 527-0010

110 Cross-Connect System

Kits, Components, Patch Cords, Wires and Accessories

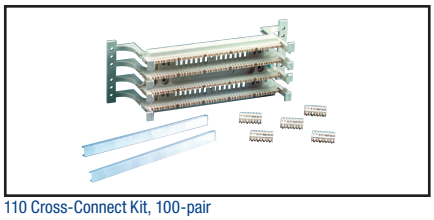
The Belden 110 Cross-Connect System uses high reliability Insulation Displacement Connection (IDC) contacts to provide high-performance connections for voice and data networks. This industry-standard 110 system allows for very high termination density while maintaining ease of administration to accommodate MACs. The system allows for multiple mounting options of 4-pair and 5-pair connecting blocks used in voice and data distribution systems.

110 Cross-Connect System

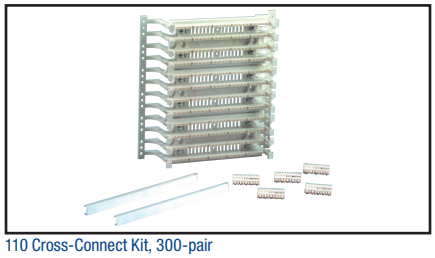
Description	Belden Part Number
110 Cross-Connect Kit	
110 Cross-Connect Kit, 100-pair, with 4-pair Connecting Blocks	AX100693-S
110 Cross-Connect Kit, 100-pair, with 5-pair Connecting Blocks	AX100694-S
110 Cross-Connect Kit, 300-pair, with 4-pair Connecting Blocks	AX100695-S
110 Cross-Connect Kit, 300-pair, with 5-pair Connecting Blocks	AX100696-S
110 Cross-Connect Connecting Components	
110 Connecting Block, 110C4, 4-pair	AX100707-S
110 Connecting Block, 110C5, 5-pair	AX100708-S
110 Wiring Block, 100-pair, without legs	AX100690-S
110 Wiring Block, 100-pair, with legs	AX100691-S
110 Wiring Block, 300-pair, with legs	AX100692-S
110 Patch Cord Connector, 4-pair	AX100711-S
110 Patch Cord Connector, 2-pair	AX100710-S
110 Patch Cord Connector, 1-pair	AX100709-S
110 Designation Strip	AX100721-S
110 Cross-Connect Cable Management Accessories	
110 Cable Management Trough, without legs	AX100705-S
110 Cable Management Trough, with legs	AX100706-S
110 Cable Management Ring, Small 5.7 in (144.8 mm)	AX100703-X
110 Cable Management Ring, Large 8.5 in (216 mm)	AX100704-X

	110-110	110-8MOD (T568A-ISDN)	110-8MOD (T568B-ALT)
110 Cross-Connect Patch Cords, Category 5e, 4-pair			
4 ft (1.2 m)	AX300001-S	AX300010-S	AX300008-S
6 ft (1.8 m)	AX300002-S	AX300009-S	AX300005-S
8 ft (2.4 m)	AX300025-S	AX300029-S	AX300011-S
10 ft (3.0 m)	AX300026-S	AX300030-S	AX300034-S
20 ft (6.1 m)	AX300027-S	AX300032-S	AX300017-S

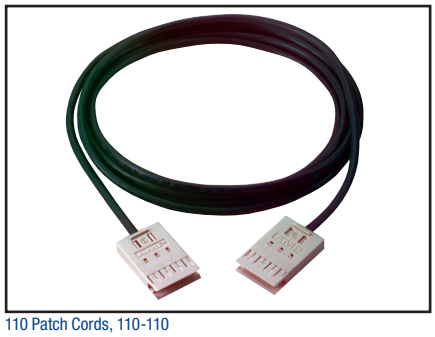
10 Patch Cords, 110-110, Category 5e	1-Pair	2-Pair
2 ft (0.6 m)	AX300039-S	AX300036-S
4 ft (1.2 m)	AX300006-S	AX300013-S
6 ft (1.8 m)	AX300007-S	AX300014-S
8 ft (2.4 m)	AX300012-S	AX300015-S
10 ft (3.0 m)	AX300021-S	AX300037-S
20 ft (6.1 m)	AX300040-S	AX300038-S



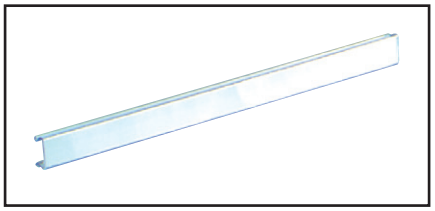
110 Cross-Connect Kit, 100-pair



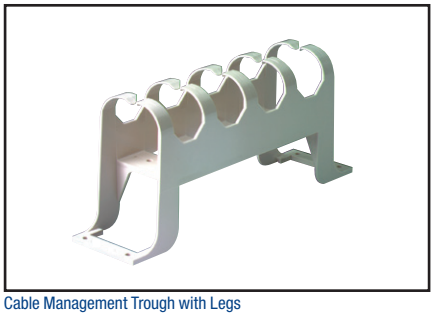
110 Cross-Connect Kit, 300-pair



110 Patch Cords, 110-110



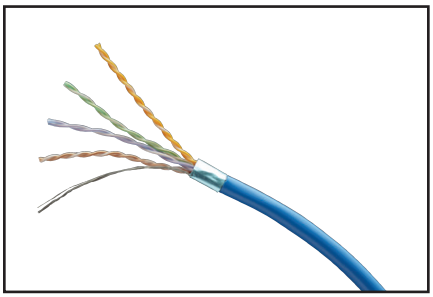
110 Designation Strips



Cable Management Trough with Legs

Category 5e, DataTwist 1200 Shielded Cables

Nonbonded-Pair



Data Twist 1200 Shielded Cable

DataTwist 1200 Shielded Cable consists of 4-pair F/UTP cables that exceed Category 5e ANSI/TIA/EIA-568-C.2 requirements. When used as the horizontal cable in the Belden 1200 Shielded System, the channel provides 160 MHz of bandwidth. DataTwist 1200 F/UTP shielded cable has a thick, 100% coverage foil shield.

This shield protects your system from harsh EMI environments, improving your data throughput.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Category 5e, DataTwist 1200 Shielded Cables

Description		Belden Part Number	
		Nonbonded-Pair	
Color	Length	Spool-in-Box	Spool
DataTwist 1200 Shielded Cables, F/UTP, 4-pair, 24 AWG, Plenum-CMP			
Red	1000 ft (305 m)	**1213F 002A1000**	**1213F 0021000**
Orange	1000 ft (305 m)	**1213F 003A1000**	**1213F 0031000**
Yellow	1000 ft (305 m)	**1213F 004A1000**	**1213F 0041000**
Green	1000 ft (305 m)	**1213F 005A1000**	**1213F 0051000**
Blue	1000 ft (305 m)	**1213F D15A1000**	**1213F D151000**
Gray	1000 ft (305 m)	**1213F 008A1000**	**1213F 0081000**
White	1000 ft (305 m)	**1213F 009A1000**	**1213F 0091000**
Black	1000 ft (305 m)	**1213F 010A1000**	**1213F 0101000**
DataTwist 1200 Shielded Cables, F/UTP, 4-pair, 24 AWG, Riser-CMR			
Red	1000 ft (305 m)	**1212F 002A1000**	**1212F 0021000**
Orange	1000 ft (305 m)	**1212F 003A1000**	**1212F 0031000**
Yellow	1000 ft (305 m)	**1212F 004A1000**	**1212F 0041000**
Green	1000 ft (305 m)	**1212F 005A1000**	**1212F 0051000**
Blue	1000 ft (305 m)	**1212F 006A1000**	**1212F 0061000**
Gray	1000 ft (305 m)	**1212F 008A1000**	**1212F 0081000**
White	1000 ft (305 m)	**1212F 009A1000**	**1212F 0091000**
Black	1000 ft (305 m)	**1212F 010A1000**	**1212F 0101000**

Call Interstate Wire Co., Inc. - (800) 527-0010

Faster.
Easier.
Better.

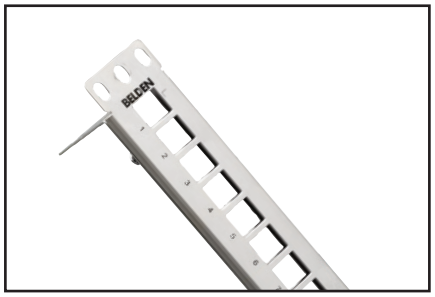
Category 5e, CAT5E Shielded System

Patch Panels, Jacks and Patch Cords

KeyConnect Shielded Patch Panels provide a flexible, versatile and high-density termination solution for data center and teleco room installations. They come with a ground wire to guarantee shielding integrity (per ANSI/TIA-607-C) and cable management brackets for neat cable dressing. They can be configured using 10GX Shielded Modular Jacks available in REVConnect and KeyConnect styles.

The CAT5E REVConnect module is a rugged, easy-to-install connector. Its termination features a universal core that accepts a jack or plug to support connections in a keystone outlet or direct connections into devices.

CAT5E Shielded Modular Cords are designed to be used within the Belden 1200 Shielded System. These modular cords offer the best combination of transmission performance and shielding integriy.



Shielded Modular Patch Panel (Empty)

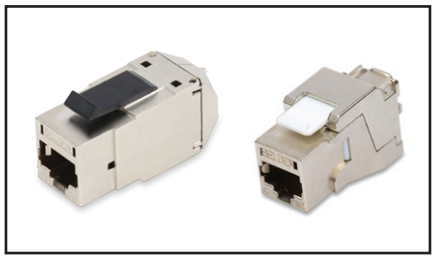
KeyConnect Shielded Modular Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	AX104564
KeyConnect Shielded Angled Patch Panel, 24-port, 1U, Titanium (Empty)	AX104622
KeyConnect Shielded Angled Patch Panel, 48-port, 2U, Titanium (Empty)	AX104623

Category 5e, CAT5E Shielded Modular Jacks

Description	Belden Part Number
CAT5E Shielded REVConnect Modular Jack, Single Pack	RV5MJKSME-S1
CAT5E Shielded REVConnect Modular Jack, Bulk Pack	RV5MJKSME-B24
CAT5E Shielded KeyConnect Modular Jack, Metallic	AX104595

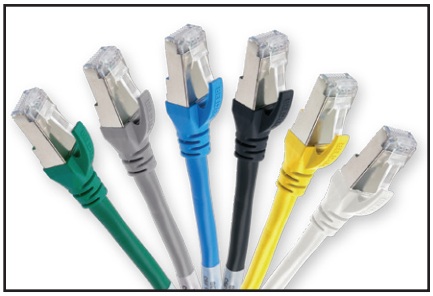
Color-coded icons and other accessories are available on page 64 and 65.


CAT5E Shielded REVConnect Modular Jack (Left),
CAT5E Shielded KeyConnect Modular Jack (Right)

Category 5e, CAT5E Shielded Modular Patch Cords

Description	Belden Part Number			
	Nonbonded-Pair			
Length	Blue	Gray	White	Black
CAT5E Shielded Modular Patch Cords, 4-pair, 24 AWG Solid, T568A/B - T568A/B, Riser-CMR				
2 ft (0.6 m)	C5F1106002	C5F1108002	C5F1109002	C5F1100002
4 ft (1.2 m)	C5F1106004	C5F1108004	C5F1109004	C5F1100004
7 ft (2.1 m)	C5F1106007	C5F1108007	C5F1109007	C5F1100007
10 ft (3.0 m)	C5F1106010	C5F1108010	C5F1109010	C5F1100010
15 ft (4.6 m)	C5F1106015	C5F1108015	C5F1109015	C5F1100015
25 ft (7.6 m)	C5F1106025	C5F1108025	C5F1109025	C5F1100025
XXX ft	C5F1106XXX	C5F1108XXX	C5F1109XXX	C5F1100XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.


CAT5E Shielded Modular Patch Cords

Category 5e, Tailored CAT5E Shielded Modular Patch Cords

C5

	Performance
C5	Category 5e, CAT5E

F1

	Cable
F1	Shielded, Nonbonded-Pair, 24 AWG Solid, CMR

1

	Termination
1	T568A/B-T568A/B
4	Crossover T568A -T568B
5	Crossover IEEE
6	Rollover

06

	Colors
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

007

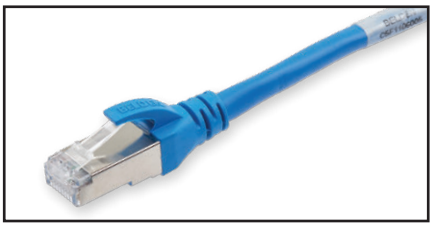
	Length
001	1 ft (0.3 m)
002	2 ft (0.6 m)
003	3 ft (0.9 m)
004	4 ft (1.2 m)
005	5 ft (1.5 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

Example:
C5F1106007 – CAT5E Shielded Modular Cord, Nonbonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Category 5e, CAT5E Shielded System (continued)

Pigtails



CAT5E Shielded Modular Pigtail (connector end)

CAT5E Shielded Modular Pigtails feature solid conductors to improve attenuation and to eliminate the need for cable de-rating in open-office cabling.

Benefits

- Maximum RL performance under all patching conditions
- Superior ruggedness and durability

Category 5e, CAT5E Shielded Modular Pigtails

Description	Belden Part Number	
	Nonbonded-Pair	
Length	Blue	Gray
CAT5E Shielded Pigtails, 4-pair, 24 AWG Solid, T568A - Open, CMR		
15 ft (4.6 m)	C5F1206015	C5F1208015
25 ft (7.6 m)	C5F1206025	C5F1208025
35 ft (10.6 m)	C5F1206035	C5F1208035
50 ft (15.2 m)	C5F1206050	C5F1208050
XXX ft	C5F1206XXX	C5F1208XXX

Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. For other configurations please refer to the configurator below.

Category 5e, Tailored CAT5E Shielded Modular Pigtails

C5

Performance	
C5	Category 5e, CAT5E

F1

Cable	
F1	Shielded Nonbonded-Pair, 24 AWG Solid, CMR

2

Termination	
2	T568A-Open
3	T568B-Open

06

Colors	
02	Red
04	Yellow
05	Green
06	Blue
08	Gray
09	White
00	Black

030

Length	
015	15 ft (4.6 m)
016	16 ft (4.9 m)
017	17 ft (5.2 m)
018	18 ft (5.5 m)
019	19 ft (5.8 m)
020	20 ft (6.1 m)
XXX	XXX ft

Notes:
Use XXX to specify length in feet - 001-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

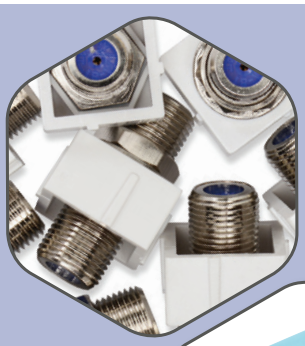
Example:
C5F1206030 – CAT5E Shielded Pigtail, Nonbonded-Pair, 24 AWG Solid, CMR, T568A-Open, Blue, 30 ft (9.5 m)

Call Interstate Wire Co., Inc. - (800) 527-0010
1.800.BELDEN.1 (800.235.3361)
www.belden.com

BELDEN

SECTION FOUR

Workstation Outlets



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Belden offers a wide variety of workstation outlet systems designed for maximum flexibility, durability, aesthetics and manageability. These systems are available using Belden KeyConnect modularity, MediaFlex flexibility and MDVO options. They come in a wide range of styles, colors and configurations, including single-gang and double-gang faceplates, stainless steel faceplates, adapters and boxes and multimedia outlets and inserts. Several innovative tools and accessories that ease termination and simplify network administration are also available.

KeyConnect Series feature a variety of faceplates, adapters and boxes that are compatible with all REVConnect, KeyConnect and Multimedia Modules. Each modular component of the KeyConnect Workstation Outlet System seamlessly fits together to accommodate any surface mount, furniture or standard electrical plate outlet installation.

MediaFlex Series includes a full line of modular faceplates, adapter boxes and inserts that offer the ultimate flexibility in configuring multimedia workstation outlets. They feature a front access design that allows inserts to be easily snapped in and out of openings for fast installation and upgrades.

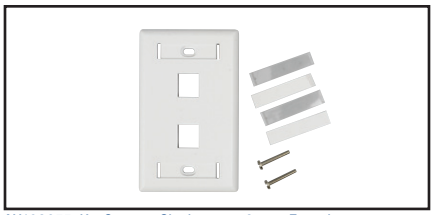
MDVO Outlet Systems include a wide range of flush and angled entry faceplates, surface adapter boxes, multimedia outlet boxes, multi-user outlet boxes and modular furniture adapters that accept MDVO modules to support diverse configurations of voice, data and multimedia applications.

The LabelFlex Solution simplifies network management by enabling installers to quickly produce application-specific labels for most Belden products, including Modular Jack Connectors, Cross-Connect Systems, Patch Panels, KeyConnect series, MediaFlex series and cable applications.

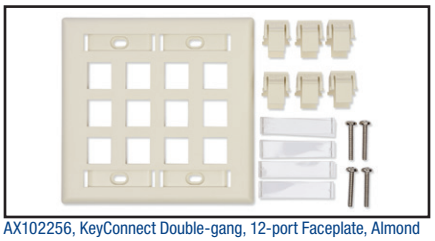
Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets

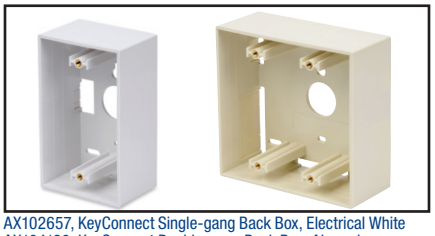
KeyConnect, Stainless Steel and Tamper-Resistant Faceplates



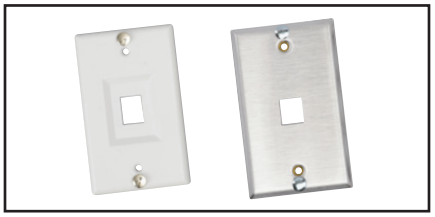
AX102655, KeyConnect Single-gang, 2-port Faceplate, Electrical White



AX102256, KeyConnect Double-gang, 12-port Faceplate, Almond



AX102657, KeyConnect Single-gang Back Box, Electrical White
AX104130, KeyConnect Double-gang Back Box, Almond



AX104126, Recessed Port
AX102005, Flush Jack

AX104687, KeyConnect Tamper-Resistant Faceplate
AX104688, KeyConnect Tamper-Resistant Faceplate

Compatible with all REVConnect and Multimedia Modules, KeyConnect Faceplates are designed for maximum flexibility, durability, aesthetics and manageability. They are available in a variety of styles, colors and port configurations to meet all work area outlet application needs, and they provide for easy outlet identification.

Belden offers two Tamper-Resistant Faceplates for various applications:

The KeyConnect Water-Resistant Outlet features a wall-mounting gasket and patch cord entry seal, and is designed for the healthcare environment.

The KeyConnect Secure Outlet is designed for any application where access to network connections needs to be controlled.

Features and Benefits

- KeyConnect Faceplates are compatible with all KeyConnect and REVConnect jacks and multimedia modules
  - Fire-retardant plastic with UV stabilizer for protection against color degradation
  - Top and bottom labeling windows for easy outlet identification
  - Compatible with LabelFlex labeling solution
- KeyConnect Faceplates are available with mounting studs for wall-mount phone installation
  - Available in stainless steel and white plastic
- Tamper-Resistant Faceplates prevent casual access
- Water-Resistant Outlets resist fluids, cleaning products and dust for maximum uptime

KeyConnect Faceplates

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
KeyConnect Faceplates				
1-port, with ID Windows, Single-gang	AX107021	AX103922	AX102660	AX104160
2-port, with ID Windows, Single-gang	AX107022	AX103923	AX102655	AX104161
4-port, with ID Windows, Single-gang	AX107023	AX102248	AX102249	AX104163
6-port, with ID Windows, Single-gang	AX107024	AX102250	AX102251	AX104164
6-port, with ID Windows, Double-gang	AX107025	AX102670	AX102671	AX104166
12-port, with ID Windows, Double-gang	—	AX102256	AX102257	—
Single-gang Back Box, 1.89 in	AX106682	AX104127	AX102657	AX106683
Double-gang Back Box, 1.89 in	AX106684	AX104130	AX104131	AX106685

Contact customer service for other colors and configurations
Blank inserts included (50% of ports)

KeyConnect Stainless Steel Faceplates

Description	Belden Part Number	
KeyConnect Stainless Steel Faceplates	With ID Window	Without ID Window
1-port, Single-gang	AX104230	AX102006
2-port, Single-gang	AX104231	AX102007
4-port, Single-gang	AX104232	AX102009
6-port, Single-gang	AX104233	AX102010
4-port, Double-gang	AX104479	—
6-port, Double-gang	AX104480	—
12-port, Double-gang	AX104234	AX102013
KeyConnect Wall Mount Phone Plates		
Stainless Steel, Recessed Port	AX104126	
Stainless Steel, Flush Port	AX102005	
Electrical White Plastic, Recessed Port	AX102902	

KeyConnect Tamper-Resistant Faceplates

Description	Belden Part Number
KeyConnect Faceplate Kit	White
4-port, Single-gang with Locking Cover, Patch Cord Seal and Wall Gasket (Dust and Water Resistant)	AX104687
4-port, Single-gang with Locking Cover (Secure Outlet)	AX104688
Secure Screw Driver Bit (Drilled Spanner 1/4")	AX104689

Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets (continued)

KeyConnect Adapters, Boxes and Media Boxes

KeyConnect Adapters and Boxes in various styles, sizes and colors provide flexible surface mount, modular furniture and standard electrical plate outlet installation, including high-density workstation outlets. Some models comply to UL2043 for use in plenum space.

Features and Benefits

- KeyConnect Adapters available in Deco and 106 styles for use with standard electrical plates
- KeyConnect Modular Furniture Adapters available in 3- and 4-port configurations for high-density workstation outlets in office furniture. Opening complies with ANSI/TIA-569-D standard.
- KeyConnect Adapters available in almond, electrical white and black to match electrical plates and suit any office décor
- KeyConnect Boxes are available in 1- 2- 4- and 6-port configurations for design flexibility
- KeyConnect Boxes equipped with port shutters to provide dust protection to UTP jacks
- Fire-retardant plastic with UV stabilizer for protection against color degradation
- KeyConnect Adapters are compatible with all KeyConnect UTP and Multimedia Modules

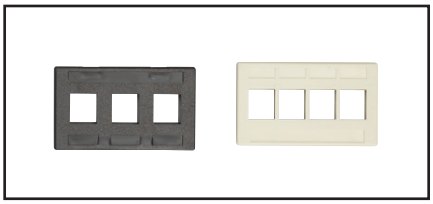
KeyConnect Adapters and Boxes

Description	Belden Part Number				
	Dark Gray	Gray	Almond	Elec. White	Black
KeyConnect Adapters					
Modular Furniture Adapter, 3-port	**AX104457**	**AX107029**	**AX103925**	**AX102291**	**AX102292**
Modular Furniture Adapter, 4-port	**AX104459**	**AX107034**	**AX103926**	**AX102900**	**AX102901**
Deco Adapter, Blank	**AX106572-GY**	**—**	**AX106572-AL**	**AX106572-EW**	**AX106572-BK**
Deco Adapter, 2-port	**AX106573-GY**	**—**	**AX106573-AL**	**AX106573-EW**	**AX106573-BK**
Deco Adapter, 3-port	**AX106574-GY**	**—**	**AX106574-AL**	**AX106574-EW**	**AX106574-BK**
Deco Adapter, 4-port	**AX106575-GY**	**—**	**AX106575-AL**	**AX106575-EW**	**AX106575-BK**
Deco Adapter, 6-port	**AX106576-GY**	**—**	**AX106576-AL**	**AX106576-EW**	**AX106576-BK**
106 Adapter, 2-port	**AX104475**	**—**	**AX104120**	**AX104121**	**AX104122**
106 Adapter, 4-port	**AX104476**	**—**	**AX104123**	**AX104124**	**AX104125**
KeyConnect Side-Entry Boxes, with Shutter Door ID Window					
1-port (Compliant with Ul2043 standard)	**AX104458**	**AX107030**	**AX104132**	**AX102651**	**—**
2-port (Compliant with Ul2043 standard)	**—**	**AX107031**	**AX104133**	**AX102652**	**—**
4-port (Compliant with Ul2043 standard)	**—**	**AX107032**	**AX104134**	**AX102653**	**—**
6-port (Compliant with Ul2043 standard)	**—**	**AX107033**	**AX104135**	**AX102654**	**—**
KeyConnect Side-Entry Boxes, without Shutter Door					
1-port	**AX105352-GS**	**—**	**AX105352-AL**	**AX105352-EW**	**AX105352-BK**
2-port	**—**	**—**	**AX105353-AL**	**AX105353-EW**	**AX105353-BK**
4-port	**—**	**—**	**AX105354-AL**	**AX105354-EW**	**AX105354-BK**
6-port	**—**	**—**	**AX105355-AL**	**AX105355-EW**	**AX105355-BK**

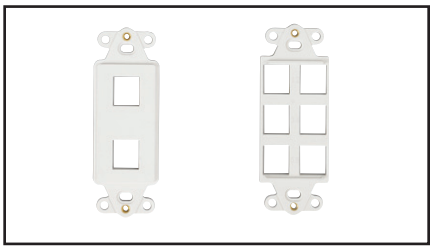
Contact customer service for other colors and configurations
Blank Inserts included (50% of ports)

KeyConnect 6-port Media Boxes

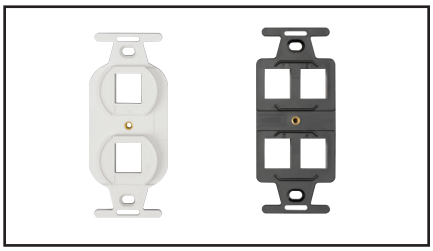
Description	Color	Belden Part Number
KeyConnect 6-port Media Box (Compliant with UL2043 standard)	Black	**AX106512-BK**
KeyConnect 6-port Media Box (Compliant with UL2043 standard)	Electric White	**AX106512-EW**



AX102292, KeyConnect Modular Furniture Adapter, 3-port, Black
AX103926, KeyConnect Modular Furniture Adapter, 4-port, Almond

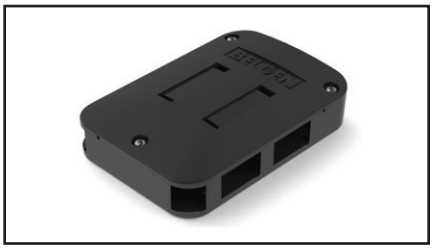


AX106573-EW, KeyConnect Deco Adapter, 2-port, Electrical White
AX106576-EW, KeyConnect Deco Adapter, 6-port, Electrical White



AX104121, KeyConnect 106 Adapter, 2-port, Electrical White
AX104125, KeyConnect 106 Adapter, 4-port, Black

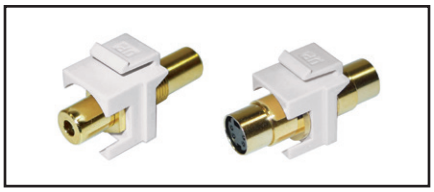
AX104134, KeyConnect Side Entry Boxe, 4-port, Electrical Almond



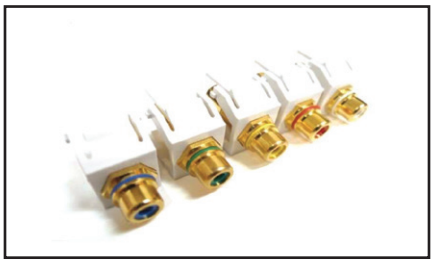
AX106512-BK, KeyConnect 6-port Media Box

Workstation Outlets (continued)

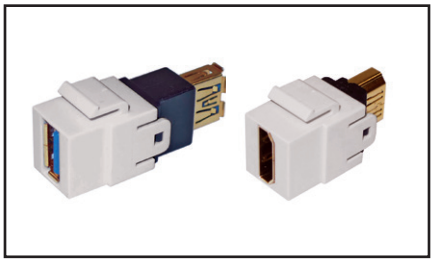
Multimedia Modules, Field-Crimpable Kits, REVConnect Plugs, Accessories



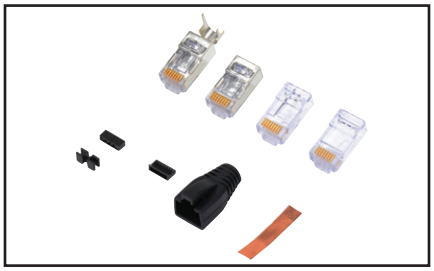
AX105334-EW, 3.5mm Audio Coupler
AX105336-EW, S-video Coupler



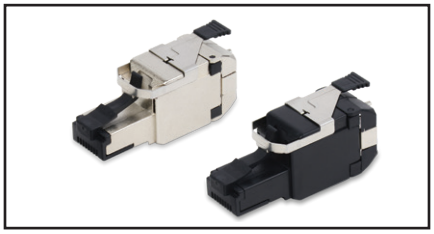
RCA Gold-plated Couplers - AX105341-EW, AX105340-EW, AX105339-EW, AX105337-EW, AX105338-EW



AX105342-EW, USB 3.0 Coupler
AX105345-EW, HDMI Coupler



C6PFCU-B25, Field Crimpable Plugs



RVAFPSME-S1, 10GX STP REVConnect Plug
RVAFPUBK-S1 10GX UTP REVConnect Plug

KeyConnect Multimedia Modules

Description	Belden Part Number			
	Dark Gray	Almond	Elec. White	Black
KeyConnect Multimedia Modules, Copper				
3.5mm Audio Coupler, F/F, Gold	—	AX105334-AL	AX105334-EW	AX105334-BK
3.5mm Audio Coupler, F/Solder, Gold	—	AX105335-AL	AX105335-EW	AX105335-BK
S-video Coupler, F/F	—	AX105336-AL	AX105336-EW	AX105336-BK
RCA Gold-plated Coupler, F/F, Red	—	AX105337-AL	AX105337-EW	AX105337-BK
RCA Gold-plated Coupler, F/F, White	—	AX105338-AL	AX105338-EW	AX105338-BK
RCA Gold-plated Coupler, F/F, Yellow	—	AX105339-AL	AX105339-EW	AX105339-BK
RCA Gold-plated Coupler, F/F, Green	—	AX105340-AL	AX105340-EW	AX105340-BK
RCA Gold-plated Coupler, F/F, Blue	—	AX105341-AL	AX105341-EW	AX105341-BK
Video F Coax 3GHz, Recessed, Gold-Plated	—	AX105346-AL	AX105346-EW	AX105346-BK
Video F Coax, Recessed	—	AX102903	AX102904	AX102905
Video F Coax, Flush	AX105384	AX102906	AX102907	AX102908
Video BNC Coax, Flush	—	AX104573	AX104575	AX104574
USB 3.0 Coupler, A to A	—	AX105342-AL	AX105342-EW	AX105342-BK
USB 2.0 Coupler, B to B	—	AX105344-AL	AX105344-EW	AX105344-BK
HDMI Coupler (Version 1.4)	—	AX105345-AL	AX105345-EW	AX105345-BK
KeyConnect Multimedia Modules, Fiber				
LC Duplex OM1 (Beige Adapter)	—	AX102415	AX102416	AX102417
LC Duplex OM3 (Aqua Adapter)	—	AX104937	AX104938	AX104939
LC Duplex OM4 (Erika Purple Adapter)	—	AX105641-AL	AX105641-EW	AX105641-BK
LC Duplex SM (Blue Adapter)	—	AX102419	AX102420	AX102421
LC Duplex SM/APC (Green Adapter)	—	AX105642-AL	AX105642-EW	AX105642-BK
SC Simplex OM1 (Beige Adapter)	—	AX102683	AX102684	AX102685
SC Simplex OM3 (Aqua Adapter)	—	AX105643-AL	AX105643-EW	AX105643-BK
SC Simplex SM (Blue Adapter)	—	AX102686	AX102687	AX102688
SC/APC Simplex SM (Green Adapter)	—	AX105374-AL	AX105374-EW	AX105374-BK
ST (Metal) Compatible MM/SM	—	AX102242	AX102243	AX102244

RJ45 Field Crimpable Plug Kits and Accessories

Description	Belden Part Number
Category 5e/Category 6 RJ45 Plugs, UTP, 25 per kit	C6PFCU-B25
Category 6/Category 6A RJ45 Plugs, UTP, 25 per kit	CAPFCU-B25
Category 5e RJ45 Plugs, F/UTP, 25 per kit	C5PFCF-B25
Category 6/Category 6A RJ45 Plugs, F/UTP, 25 per kit	CAPFCF-B25
Flexible Boots for 6mm OD, 100 per pack	CB6MMBK-B100
Flexible Boots for 7mm OD, 100 per pack	CB7MMBK-B100
Flexible Boots for 8mm OD, 100 per pack	CB8MMBK-B100
RJ45 Termination Crimp Tool	CTPFC01

All field crimpable RJ45 plugs outlined in the table above are not included in the 25-Year Belden System Warranty.
For qualifying plugs, please see pages 11 and 18.

REVConnect Plugs and Accessories

Description	Part Number
Mod.Plug Terminated Link (MPTL) Test Adapter	AX104552
10GX STP REVConnect Plug	RVAFPSME-S1
10GX STP REVConnect Plug 24-pack	RVAFPSME-B24
10GX UTP REVConnect Plug	RVAFPUBK-S1
10GX UTP REVConnect Plug 24-pack	RVAFPUBK-B24
Universal Termination Tool	RVUTT01
Tool Blade Replacement Set	RVUTB01
Tool Belt Clip	RVUTC01
Replacement Cable Prep Tool	RVUCT01
10GX UTP REVConnect FlexPlug, Black	RVAFFPUBK18-S1
10GX UTP REVConnect FlexPlug, Electric White	RVAFFPUEW18-S1
CAT6+ UTP REVConnect FlexPlug, Black	RV6FFPUBK18-S1
CAT6+ UTP REVConnect FlexPlug, Electric White	RV6FFPUEW18-S1
REVConnect Spare Cores	
Replacement Caps and Cable Managers (50 of each in pack)	RVUCOEW-B50

Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets (continued)

MediaFlex Faceplate Kits, Plates, Adapter Boxes

MediaFlex Faceplate Kit for KeyConnect modules offers flexibility in configuring multimedia workstation outlets for current and future network needs. The front access design of the outlets offers easy installation and upgrades while multiple colors, single-gang and double-gang configurations and labeling capabilities meet work area aesthetics, density and identification needs.

The MDVO pre-configured MediaFlex Faceplate Kits include a plate, flush MDVO inserts, filler inserts, MDVO blanks, labeling window covers, labeling paper and all necessary mounting screws.

MediaFlex Plates are one part of the comprehensive line of plates and inserts that snap together to create a full line of modular workstation outlets.

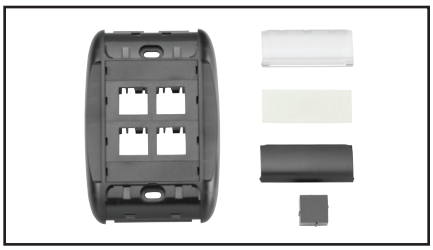
MediaFlex Plates can be mounted over standard NEMA-type outlet boxes and rings to provide support for a variety of MediaFlex Adapters and Inserts. The fully modular construction, combined with the front access design, provides extensive configuration flexibility for current and future network needs. MediaFlex Plates are available in single-gang and double-gang configurations.

The double-gang faceplate comes with a stand-off ring. This ring allows for easy mounting with virtually any industry electrical box or mud/adapter ring, providing added installation flexibility.

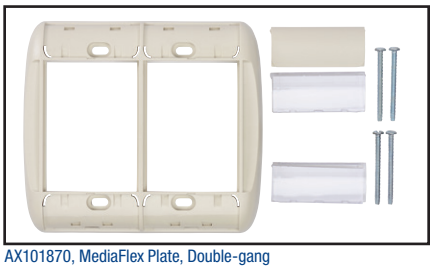
Each plate has the capacity of up to six ports per single-gang and 12 ports per double-gang.

MediaFlex Surface Adapter Boxes can be mounted over standard NEMA-type outlet boxes and rings to provide support for the MediaFlex plates. The MediaFlex Surface Adapter Boxes are available as a double-gang configuration. The double-gang box allows more room for cable management and bend radius control.

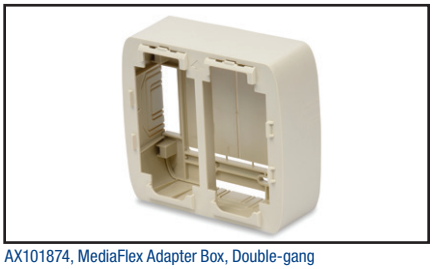
AX101779, MediaFlex Faceplate Kit, MDVO, 2 port



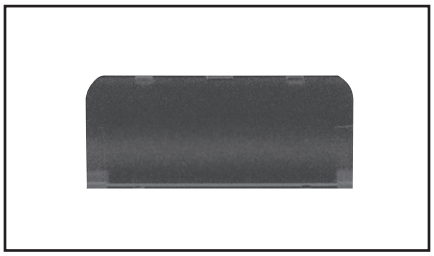
AX101785, MediaFlex Faceplate Kit, MDVO, 4 port



AX101870, MediaFlex Plate, Double-gang



AX101874, MediaFlex Adapter Box, Double-gang



AX101777, Labeling Window Cover for MediaFlex Plates

MediaFlex Faceplate Kits

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Faceplate Kit, KeyConnect				
2-port, Flush, Single-gang	AX104493	AX104494	AX104495	AX104496
4-port, Flush, Single-gang	AX104485	AX102428	AX102429	AX104489
6-port, Flush, Single-gang	AX104486	AX102430	AX102431	AX104490
2-port, Angled, Single-gang	AX104497	AX104498	AX104499	AX104500
4-port, Angled, Single-gang	AX104487	AX102432	AX102433	AX104491
6-port, Flush, Double-gang	–	AX102523	AX102524	–
8-port, Flush, Double-gang	–	AX102519	AX102520	–
12-port, Flush, Double-gang	AX104488	AX102434	AX102435	AX104492
6-port,Angled, Double-gang	–	AX102521	AX102522	–
8-port,Angled, Double-gang	–	AX102436	AX102437	–
MediaFlex Faceplate Kit, MDVO				
2-port, Flush	AX101778	AX101779	AX101780	AX101781
4-port, Flush	AX101782	AX101783	AX101784	AX101785
6-port, Flush	AX101786	AX101787	AX101788	AX101789

Blank Inserts included (50% of ports)

MediaFlex Plates and Adapter Boxes

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Plates				
Single-gang	AX101745	AX101746	AX101747	AX101748
Double-gang	AX101869	AX101870	AX101871	AX101872
MediaFlex Surface Adapter Boxes				
Single-gang	AX102480	AX102481	AX102482	AX102483
Double-gang	AX101873	AX101874	AX101875	AX101876
MediaFlex ID Windows Covers				
Rounded edge covers, bag of 25	AX101774	AX101775	AX101776	AX101777

Contact customer service for other colors and configurations.

Workstation Outlets (continued)

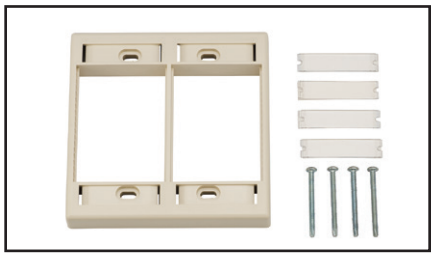
MediaFlex Angled Edge Faceplate Kits, Faceplates, Adapter Boxes

AX106631, MediaFlex Angled Edge Faceplate Kit, KeyConnect Style, 2-port Angled Insert

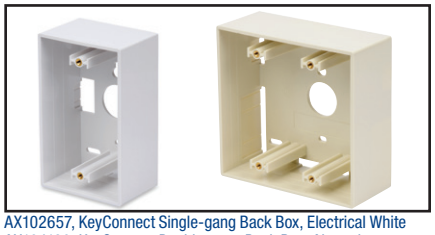
The MediaFlex Faceplate Kits are offered for KeyConnect or MDVO modules. Our newest line of MediaFlex features a 90-degree edge to match aesthetics when installing next to electrical and other faceplates.

The MediaFlex Faceplate Kit for KeyConnect modules offers flexibility in configuring multimedia workstation outlets for current and future network needs. The front access design of the outlets offers easy installation and upgrades while multiple colors, single-gang and double-gang configurations and labeling capabilities meet work area aesthetics, density and identification needs.

The MDVO pre-configured MediaFlex Faceplate Kits include a plate, flush MDVO inserts, filler inserts, MDVO blank, labeling window covers, labeling paper and all necessary mounting screws.



AX106674, MediaFlex Angled Edge Faceplate, Double-gang



AX102657, KeyConnect Single-gang Back Box, Electrical White
AX104130, KeyConnect Double-gang Back Box, Almond

MediaFlex Angled Edge Faceplate Kits

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Angled Edge Faceplate Kit, KeyConnect				
2-port, Flush, Single-gang	AX106617	AX106618	AX106619	AX106620
4-port, Flush, Single-gang	AX106621	AX106622	AX106623	AX106624
6-port, Flush, Single-gang	AX106625	AX106626	AX106627	AX106628
2-port, Angled, Single-gang	AX106629	AX106630	AX106631	AX106632
4-port, Angled, Single-gang	AX106633	AX106634	AX106635	AX106636
6-port, Flush, Double-gang	AX106637	AX106638	AX106639	AX106640
8-port, Flush, Double-gang	AX106641	AX106642	AX106643	AX106644
12-port, Flush, Double-gang	AX106645	AX106646	AX106647	AX106648
6-port, Angled, Double-gang	AX106649	AX106650	AX106651	AX106652
8-port, Angled, Double-gang	AX106653	AX106654	AX106655	AX106656
MediaFlex Angled Edge Faceplate Kit, MDVO				
2-port, Flush	AX106657	AX106658	AX106659	AX106660
4-port, Flush	AX106661	AX106662	AX106663	AX106664
6-port, Flush	AX106665	AX106666	AX106667	AX106668

Blank Inserts included (50% of ports)

MediaFlex Angled Edge Faceplates

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Angled Edge Faceplates				
Single-gang	AX106669	AX106670	AX106671	AX106672
Double-gang	AX106673	AX106674	AX106675	AX106676

KeyConnect Surface Adapter Boxes

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
Back Boxes				
Single-gang	AX106682	AX104127	AX102657	AX106683
Double-gang	AX106684	AX104130	AX104131	AX106685

Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets (continued)

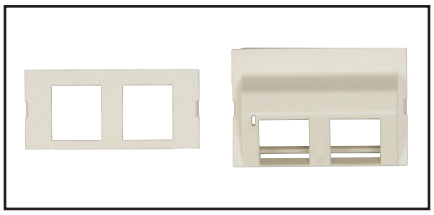
MediaFlex Inserts, Multimedia Inserts

MediaFlex Module Inserts, along with MediaFlex Multimedia Inserts and MediaFlex Filler Inserts, allow for the easy configuration of outlets. All inserts are front loaded and easily snapped in and out of the MediaFlex Plates for simple installation and maintenance. MediaFlex Module Inserts are available in a 2-port configuration in flush and angled versions for KeyConnect and MDVO modules. The inserts are two units high for the flush version and three units high for the angled version. Three flush inserts or two angled inserts are required to fully populate a single-gang MediaFlex Plate.

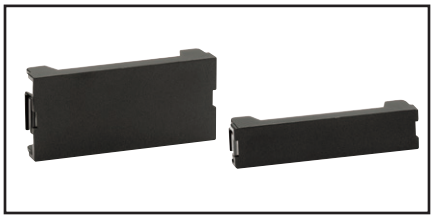
MediaFlex Filler Inserts are used to fill unused spaces in low-density workstation outlets. They are available in one unit and two unit sizes.

MediaFlex Multimedia Inserts provide optimum flexibility in configuring multimedia workstation outlets that respond to any present or future network needs. MediaFlex Multimedia Inserts, along with other MediaFlex Inserts, allow for easy configuration of outlets. All inserts are front loaded and easily snapped in and out of the MediaFlex Plates for easy installation and maintenance.

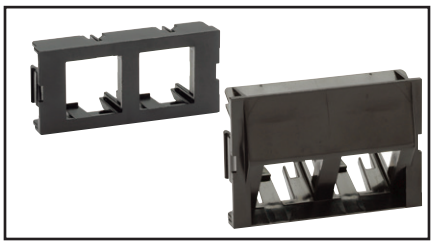
MediaFlex Multimedia Inserts are available in angled versions only to allow for proper management of cable bend radius. The inserts are three units high; two inserts are required to fully populate a single-gang faceplate and four inserts will fully populate a double-gang faceplate.



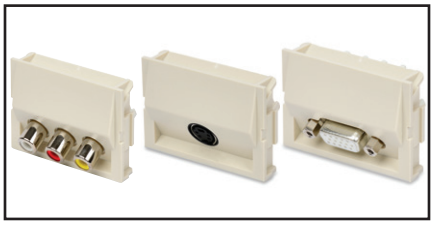
MediaFlex Inserts for KeyConnect Modules: AX102410, Flush, 2-port, Almond and AX102412, Angled, 2-port, Almond



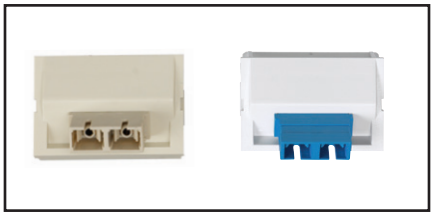
AX101764, MediaFlex Filler Insert, 2-unit
AX101760, MediaFlex Filler Insert, 1-unt



AX101752, MediaFlex Insert, 2-port, Flush, 2-unit
AX101756, MediaFlex MDVO Insert, 2-port, Angled, 3-unit



AX101878, MediaFlex RCA Inserts, 3-port, Almond
AX101882, MediaFlex SVHS Inserts, 1-port, Almond
AX101886, MediaFlex SVGA Inserts, 1-port, Almond



AX101940, MediaFlex SC Duplex Multimode Insert, Almond
AX101937, MediaFlex SC Duplex Singlemode Insert, White

MediaFlex Inserts

Description	Belden Part Number	
	KeyConnect	MDVO
MediaFlex Module Insert		
2-port, Flush, Gray, bag of 10 pieces	AX104482	AX101749
2-port, Angled, Gray, bag of 10 pieces	AX104483	AX101753
2-port, Flush, Almond, bag of 10 pieces	AX102410	AX101750
2-port, Angled, Almond, bag of 10 pieces	AX102412	AX101754
2-port, Flush, Elec. White, bag of 10 pieces	AX102411	AX101751
2-port, Angled, Elec. White, bag of 10 pieces	AX102413	AX101755
2-port, Flush, Black, bag of 10 pieces	AX102737	AX101752
2-port, Angled, Black, bag of 10 pieces	AX102738	AX101756
MediaFlex Filler Insert	**1-Unit**	**2-Unit**
Gray, bag of 10 pieces	AX101757	AX101761
Almond, bag of 10 pieces	AX101758	AX101762
Elec. White, bag of 10 pieces	AX101759	AX101763
Black, bag of 10 pieces	AX101760	AX101764

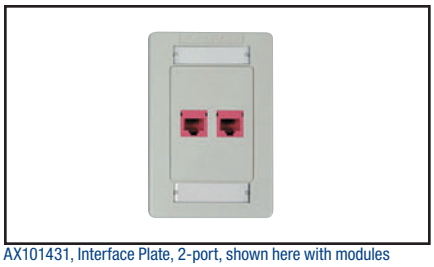
MediaFlex Multimedia Inserts

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Multimedia Insert, Copper				
3-port RCA	AX101877	AX101878	AX101879	AX101880
SVHS Module	AX101881	AX101882	AX101883	AX101884
SVGA Module (IDC interface)	AX101885	AX101886	AX101887	AX101888
SVGA Feed Through	AX102334	AX102335	AX102336	AX102337
SVGA Feed Through, 3.5 mm Audio	AX105158-GY	AX105158-AL	AX105158-EW	AX105158-BK
MediaFlex Multimedia Insert, Fiber				
Duplex SC Multimode	AX101939	AX101940	AX101941	AX101942
Duplex SC Singlemode	AX101935	AX101936	AX101937	AX101938
SC/APC Simplex SM (Green Adapter)	–	AX105374-AL	AX105374-EW	AX105374-BK

Contact customer service for other colors and configurations.

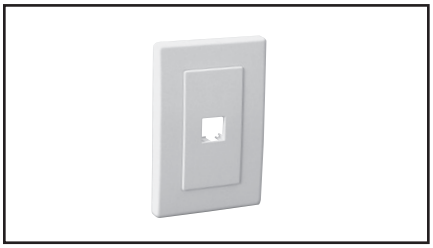
Workstation Outlets (continued)

Interface Plates, MDVO Faceplates

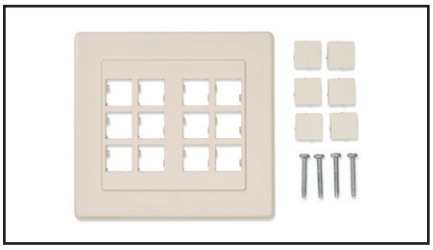


AX101431, Interface Plate, 2-port, shown here with modules

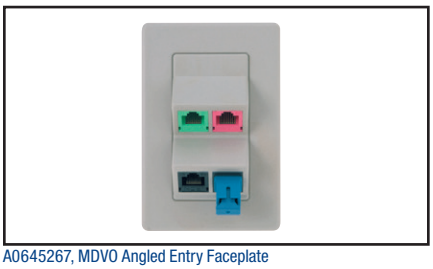
AX101438, Interface Plate, 4-port, with modules and AX101441, Interface Plate, 6-port with modules



A0405257, MDVO Faceplate, 1-port



A0620807, MDVO Faceplate, 12-port



A0645267, MDVO Angled Entry Faceplate

Interface Plates combine flexibility and ease of use in workarea installations. They are designed to accept the EZ-MDVO and other MDVO, UTP and MDVO multimedia modules. The Interface Plates are available in single-gang and can accept up to six modules. They also have labeling capabilities using built-in labeling windows. The faceplates can be attached to standard electrical boxes or wall-mounting hardware for flush-mount installations. The faceplates can also fit over the Interface Adapter Boxes for surface-mount installations.

The MDVO Angled Entry Faceplate offers better patch cord protection than traditional faceplates and optimizes patch cord bend radius control. The MDVO Angled Entry Faceplate can accept up to four EZ-MDVO or MDVO Multimedia Modules. The faceplate can be attached to standard electrical boxes or wall-mounting hardware for flush-mount installations. The faceplate can also fit over the Interface Surface Adapter Box for surface-mount installations.

Interface Plates

Description	Belden Part Number
Interface Plate, Flush	
Interface Plate, Flush, 2-port, Gray	**AX101431**
Interface Plate, Flush, 2-port, Almond	**AX101432**
Interface Plate, Flush, 2-port, White	**AX101433**
Interface Plate, Flush, 2-port, Black	**AX101434**
Interface Plate, Flush, 4-port, Gray	**AX101435**
Interface Plate, Flush, 4-port, Almond	**AX101436**
Interface Plate, Flush, 4-port, White	**AX101437**
Interface Plate, Flush, 4-port, Black	**AX101438**
Interface Plate, Flush, 6-port, Gray	**AX101439**
Interface Plate, Flush, 6-port, Almond	**AX101440**
Interface Plate, Flush, 6-port, White	**AX101441**
Interface Plate, Flush, 6-port, Black	**AX101442**

Blank Inserts included (50% of ports)

MDVO Faceplate

Description	Belden Part Number
MDVO Faceplate Flush	
MDVO Faceplate, Flush, 1-port, Single-gang, Gray	**A0405255**
MDVO Faceplate, Flush, 1-port, Single-gang, Almond	**A0405256**
MDVO Faceplate, Flush, 1-port, Single-gang, White	**A0405257**
MDVO Faceplate, Flush, 1-port, Single-gang, Black	**A0405258**
MDVO Faceplate, Flush, 8-port, Single-gang, Gray	**A0405294**
MDVO Faceplate, Flush, 8-port, Single-gang, Almond	**A0405295**
MDVO Faceplate, Flush, 8-port, Single-gang, White	**A0405296**
MDVO Faceplate, Flush, 8-port, Single-gang, Black	**A0405298**
MDVO Faceplate, Flush, 12-port, Double-gang, Gray	**A0620806**
MDVO Faceplate, Flush, 12-port, Double-gang, Almond	**A0620807**
MDVO Faceplate, Flush, 12-port, Double-gang, White	**A0620808**
MDVO Faceplate, Flush, 12-port, Double-gang, Black	**A0620809**
MDVO Angled Entry Faceplate	
MDVO Angled Entry Faceplate, 4-port, Gray	**A0645267**
MDVO Angled Entry Faceplate, 4-port, Almond	**A0645268**
MDVO Angled Entry Faceplate, 4-port, White	**A0645269**
MDVO Angled Entry Faceplate, 4-port, Black	**A0645270**

Blank Inserts included (50% of ports)

Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets (continued)

Interface Surface Adapter Boxes, MDVO Adapters

The Interface/MDVO Surface Adapter Box allows surface mounting of Interface Plates as well as MDVO flush and angled entry faceplates. The box can be mounted on any flat surface or attached to standard electrical boxes or wall-mounting hardware for additional storage space ordered separately.

The MDVO 106 Adapters are designed for installations using standard NEMA-style faceplates, also referred to as 106-type or duplex wall plates.

The MDVO Deco Adapter is designed for installations using Deco style wall plates.

MDVO Modular Furniture Adapters are the ideal outlet adapters for open-office furniture applications.

Interface/MDVO Surface Adapter Box

Description	Belden Part Number
Single-gang	
Interface/MDVO Surface Adapter Box, Single-gang, Gray	**AX101474**
Interface/MDVO Surface Adapter Box, Single-gang, Almond	**AX101475**
Interface/MDVO Surface Adapter Box, Single-gang, White	**AX101476**
Interface/MDVO Surface Adapter Box, Single-gang, Black	**AX101477**

Blank Inserts included (50% of ports)

Interface/MDVO Side Entry Box

Description	Belden Part Number
Single-gang	
MDVO Side Entry Box, 2-port, Gray	**A0645271**
MDVO Side Entry Box, 2-port, Almond	**A0645272**
MDVO Side Entry Box, 2-port, White	**A0645273**
MDVO Side Entry Box, 2-port, Black	**A0645274**

Blank Inserts included (50% of ports)

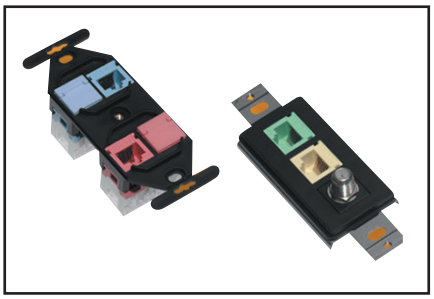
MDVO Adapters

Description	Belden Part Number
106 Adapter, Deco Adapter, Furniture Adapter	
MDVO 106 Adapter, 2-port, Gray	**AX100304**
MDVO 106 Adapter, 2-port, Almond	**AX100305**
MDVO 106 Adapter, 2-port, White	**AX100306**
MDVO 106 Adapter, 2-port, Black	**AX100307**
MDVO 106 Adapter, 4-port, Gray	**AX100308**
MDVO 106 Adapter, 4-port, Almond	**AX100309**
MDVO 106 Adapter, 4-port, White	**AX100310**
MDVO 106 Adapter, 4-port, Black	**AX100311**
MDVO Deco Adapter, 3-port, Gray	**A0409651**
MDVO Deco Adapter, 3-port, Almond	**A0409652**
MDVO Deco Adapter, 3-port, White	**A0409653**
MDVO Deco Adapter, 3-port, Black	**A0409654**
MDVO Modular Furniture Adapter, 3-port, Gray	**A0407071**
MDVO Modular Furniture Adapter, 3-port, Almond	**A0407072**
MDVO Modular Furniture Adapter, 3-port, White	**A0407073**
MDVO Modular Furniture Adapter, 3-port, Black	**A0407074**
MDVO Modular Furniture Adapter, 4-port, Gray	**AX100925**
MDVO Modular Furniture Adapter, 4-port, Almond	**AX100926**
MDVO Modular Furniture Adapter, 4-port, White	**AX100927**
MDVO Modular Furniture Adapter, 4-port, Black	**AX100928**

Blank Inserts included (50% of ports)

AX101474, Interface/MDVO Surface Adapter Box

A0645271, MDVO Side Entry Box, shown here with modules

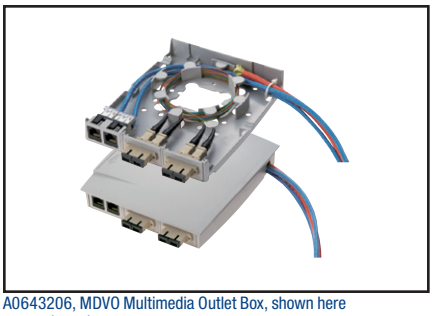


AX100311, MDVO 106 Adapter, 4-port, shown here with modules
A0409654, MDVO Deco Adapter, shown here with modules

AX100925, MDVO Modular Furniture Adapter, 4-port, shown here with modules

Workstation Outlets (continued)

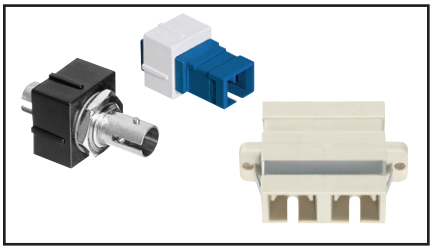
Multimedia Outlet Boxes, Modules, Adapters



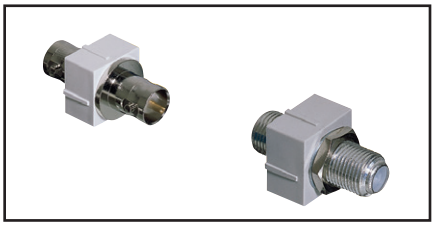
A0643206, MDVO Multimedia Outlet Box, shown here as terminated

The Multimedia Outlet Box brings unique versatility to multimedia work area installations. The box design provides cable management and helps maintain cable bend radius. The outlet box's low-profile design and side entry offers better protection for patch cords. The outlet box can accept up to six Modular Jacks or Multimedia Modules using 2-port inserts and three SC Duplex adapters using special bezel, or three SC Duplex adapters. The Multimedia Outlet Box can be mounted directly on the wall or attached to standard electrical boxes. Included with the Multimedia box are three SC Duplex Mounting bezels and three Modular Jack Adapters.

Multimedia Modules address audio video and fiber applications. Fiber modules are available for LC Duplex, SC Simplex, SC Duplex and ST Compatible for multimode and singlemode connections. The SC Duplex Adapter is a fiber adapter sleeve with flanges that mount into the SC Duplex mounting bezel (included in the Multimedia Outlet box). Audio video modules are available for SVHS, RCA, BNC and Video F connection in KeyConnect and MDVO footprint.



A0407010, MDVO ST Compatible Fiber Module
A0407005, MDVO SC Fiber Module
A0649254, SC Duplex Adapter



A0406997, MDVO BNC Coaxial Module
A0406999, MDVO Video F Coaxial Module

A0407001, MDVO Coaxial, VIDEO F

Multimedia Outlet Boxes

Description	Belden Part Number	
Multimedia Outlet Boxes	**KeyConnect**	**MDVO**
Multimedia Outlet Box, 6-port, Gray	**AX107293**	**A0643205**
Multimedia Outlet Box, 6-port, Almond	**AX107294**	**A0643206**
Multimedia Outlet Box, 6-port, White	**AX107295**	**A0643207**
Multimedia Outlet Box, 6-port, Black	**AX107296**	**A0643208**

Blank Inserts included (50% of ports)

MDVO Modules

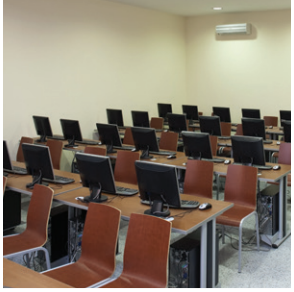
Description	Belden Part Number			
	Gray	**Almond**	**Elec. White**	**Black**
MDVO Multimedia Modules, Copper				
Coaxial, BNC	**A0406995**	**A0406996**	**A0406997**	**A0406998**
Coaxial, VIDEO F	**A0406999**	**A0407000**	**A0407001**	**A0407002**
RCA, Feedthrough, White Insert	**AX101823**	**AX101824**	**AX101825**	**AX101826**
RCA, Feedthrough, Yellow Insert	**AX101827**	**AX101828**	**AX101829**	**AX101830**
RCA, Feedthrough, Red Insert	**AX101831**	**AX101832**	**AX101833**	**AX101834**
RCA, Feedthrough, Black Insert	**AX101835**	**AX101836**	**AX101837**	**AX101838**
SVHS, Feedthrough	**AX101839**	**AX101840**	**AX101841**	**AX101842**
3.5 mm Stereo	**AX102624**	**AX102625**	**AX102626**	**AX102627**
MDVO Multimedia Modules, Fiber				
LC Duplex Multimode	**AX102209**	**AX102210**	**AX102211**	**AX102212**
LC Duplex Singlemode	**AX102213**	**AX102214**	**AX102215**	**AX102216**
SC Simplex, Multimode	**A0407003**	**A0407004**	**A0407005**	**A0407006**
ST Compatible, Multimode	**A0407007**	**A0407008**	**A0407009**	**A0407010**

Custom multimedia connectors are also available, please contact customer service for more details.

SC Duplex Adapter

Description	Belden Part Number
SC Duplex Adapter	
SC Duplex Adapter, Multimode, Beige	**A0649254**

Call Interstate Wire Co., Inc. - (800) 527-0010



Workstation Outlets (continued)

Multi-User Outlet Box, Adapter Strips, CAT5E BIX DVO Outlets

The Multi-User Outlet Box design allows for mixed-media installations with a choice of connection strips. The box can accept either one or two 12-port MDVO Adapter Strips, CAT5E Connector Module Strips (BIX or 110), or a combination of both for a maximum of 24 connections.

CAT5E BIX DVO Workstation Outlets are robust and installer-friendly products, combining punchdown connectors with standard modular jacks. The outlet's unique, completely enclosed housing protects the connectors and allows the wires to be front-terminated on BIX Insulation Displacement Connectors (IDC). The snap-on cover plate allows easy access and eliminates visible mounting screws.

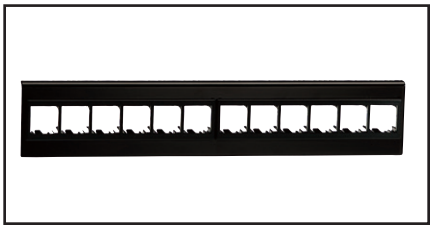
CAT5E BIX DVO Workstation Outlets offer headroom over the Category 5e cabling standard.

AX100222, Multi-User Outlet Box, shown here with modules

Multi-User Outlet Box

Description	Belden Part Number			
	Gray	Almond	White	Black
Mutli-User Outlet Box and Adapter Strips				
Multi-User Outlet Box, 24-port	**AX100219**	**AX100220**	**AX100221**	**AX100222**

Adapter strip not Included



AX100223, MDVO Adapter Strip, 12-port

Adapter Strips

Description	Belden Part Number
Adapter Strips for Mutli-User Outlet Box	
Adapter Strip, KeyConnect, 12-port, Empty, Black	**AX104615**
Adapter Strip, MDVO, 12-port, Empty, Black	**AX100223**
CAT5E HD-BIX Connector Module Strip, Universal Wiring 12-port, T568A/B	**AX100224**
CAT5E HD-110 Connector Module Strip, Universal Wiring 12-port, T568B/A	**AX100494**

Blank inserts included (50% of ports)

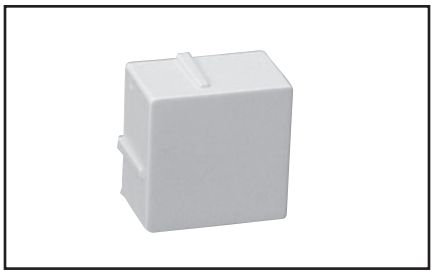
CAT5E BIX DVO Outlets

CAT5E BIX DVO Outlets

Description	Belden Part Number			
	Gray	Almond	White	Black
Surface and Flush Mount				
Surface, T568A, 1-port	**AX100382**	**AX100383**	**AX100384**	**AX100385**
Surface, T568A, 2-port	**AX100390**	**AX100391**	**AX100392**	**AX100393**
Surface, T568A, 4-port	**AX100398**	**AX100399**	**AX100400**	**AX100401**
Flush, T568A, 1-port	**AX100334**	**AX100335**	**AX100336**	**AX100337**
Flush, T568A, 2-port	**AX100342**	**AX100343**	**AX100344**	**AX100345**
Flush, T568A, 4-port	**AX100350**	**AX100351**	**AX100352**	**AX100353**

Workstation Outlets (continued)

Accessories



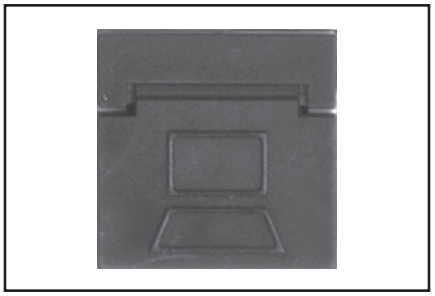
A0405538, MDVO Blank

MDVO Blank Inserts can be used in any MediaFlex outlets, Interface plates, MDVO faceplates, adapters or boxes to fill in unused ports.

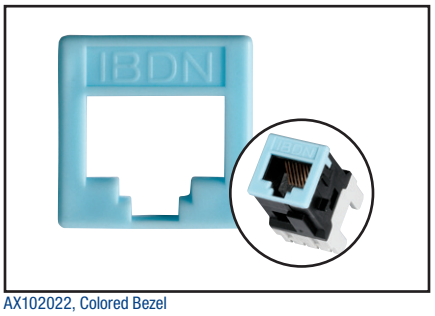
The Colored Bezels are plastic inserts that fit over the face of MDVO modules to modify their color. They are particularly useful in installations where the churn rate is high and color identification of outlets is critical (segmented network with security levels, for example). They also contribute to simplifying the management of the cabling infrastructure by using only one color of module for MACs.

ID tabs are color-coded identification caps that can be inserted over the MDVO modules. The ID tabs are available as blank, data or voice coded. They are available in 11 colors to facilitate identification and match modern office décor. The flexible identification cap also acts as a protective cover, eliminating exposure to dust and other contaminants when the module is not in use.

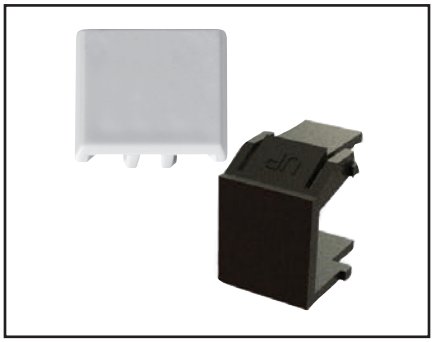
KeyConnect accessories include blank inserts available in almond, white and black, as well as Dust Covers in clear plastic to protect unused ports.



AX100196, ID Tab Data



AX102022, Colored Bezel



AX101790, Dust Cover, AX102263, KeyConnect Blank Insert

MDVO Accessories

Description	Belden Part Number			
	Gray	Almond	White	Black
MDVO Blank Inserts				
MDVO Blank Insert	A0405536	A0405537	A0405538	A0405539
MDVO ID Tabs	Blank	Data	Voice	Colored Bezel
Gray	AX100182	AX100193	AX100204	AX102014
Almond	AX100183	AX100194	AX100205	AX102015
White	AX100184	AX100195	AX100206	AX102016
Black	AX100185	AX100196	AX100207	AX102017
Orange	AX100186	AX100197	AX100208	AX102018
Red	AX100187	AX100198	AX100209	AX102019
Yellow	AX100188	AX100199	AX100210	AX102020
Green	AX100189	AX100200	AX100211	AX102021
Blue	AX100190	AX100201	AX100212	AX102022
Purple	AX100191	AX100202	AX100213	AX102023
Brown	AX100192	AX100203	AX100214	AX102024
MDVO Accessories			Clear	
Interface Plate ID Window label and clear cover, 50 pieces per bag			AX101868	

KeyConnect Accessories

Description	Belden Part Number				
	Dark Gray	Gray	Almond	White	Black
KeyConnect Blank Inserts					
KeyConnect Blank Insert	AX104456	AX107026	AX102261	AX102262	AX102263
KeyConnect Accessories				Clear	
KeyConnect Dust Covers, Clear, bag of 50 units				AX101790	
KeyConnect ID Window label and clear cover, 100 pieces per bag				AX104680	

KeyConnect Color-Coded Icon Kit

Belden Part Number							
Red	Orange	Yellow	Green	Blue	Purple	White	Black
KeyConnect Color-Coded Icon Kit for Shielded Jacks and Couplers							
AX104632-RD	AX104632-OR	AX104632-YE	AX104632-GN	AX104632-BL	AX104632-PR	AX104632-EW	AX104632-BK

Call Interstate Wire Co., Inc. - (800) 527-0010
1.800.BELDEN.1 (800.235.3361)

Workstation Outlets (continued)

REVConnect and KeyConnect Tools and Accessories

The REVConnect Connectivity System is supported by a single, universal core termination. The core supports the user's choice of connectivity: Category 5e through Category 6A, shielded and unshielded, and even Category 6A Field-Mountable Plugs. The REVConnect Termination Tool is the only tool required to perform the termination, including cable preparation.

Key Specifications

- Rugged design withstands tens of thousands of terminations
- Rubber handle grips for comfort
- Go-no-go functionality only allows a termination when the core is properly seated inside the tool
- Includes a cable stripper and crossweb guillotine tool in the handle
- Additional blade set included with each tool
- Replacement blades and cable preparation tools available
- Tool belt clip available for hands-free carrying
- Terminates REVConnect core for all Belden cables and all REVConnect modules

RVUTT01, REVConnect Termination Tool; includes one Cable Prep Tool and spare blade set

RVUCT01, Cable Prep Insert

AX105566, Tool Assembly for KeyConnect Jacks

RVUTIK01, REVConnect Installation Tool Kit

REVConnect Jack Accessories (for both UTP and shielded)

Description	Belden Part Number	
	Color Icon (Pack of 24)	Dust Cap (Pack of 24)
Gray	RVUICGY-B24	RVUDCGY-B24
Almond	RVUICAL-B24	RVUDCAL-B24
Electric White	RVUICEW-B24	RVUDCEW-B24
Black	RVUICBK-B24	RVUDCBK-B24
Ivory	RVUICIV-B24	RVUDCIV-B24
Brown	RVUICBR-B24	RVUDCBR-B24
Red	RVUICRD-B24	RVUDCRD-B24
Orange	RVUICOR-B24	RVUDCOR-B24
Yellow	RVUICYL-B24	RVUDCYL-B24
Green	RVUICGN-B24	RVUDCGN-B24
Blue	RVUICBL-B24	RVUDCBL-B24
Purple	RVUICPR-B24	RVUDCPR-B24
TIA Brown	RVUICTN-B24	RVUDCTN-B24
TIA Red	RVUICTR-B24	RVUDCTR-B24
TIA Orange	RVUICTO-B24	RVUDCTO-B24
TIA Yellow	RVUICTY-B24	RVUDCTY-B24
TIA Green	RVUICTG-B24	RVUDCTG-B24
TIA Blue	RVUICTB-B24	RVUDCTB-B24
TIA Purple	RVUICTP-B24	RVUDCTP-B24

REVConnect Universal Termination Tool and Accessories

Description	Belden Part Number
Installation Tool Kit*	RVUTIK01
Universal Termination Tool	RVUTT01
Tool Blade Replacement Set	RVUTB01
Tool Belt Clip	RVUTC01
Replacement Cable Prep Tool	RVUCT01

*Installation tool kit includes scissors, marker, universal termination tool, tool blade replacement set, tool belt clip, carrying case, bulk pack of 50 cores and installation guides.

Rapid Termination Tool (RTT)

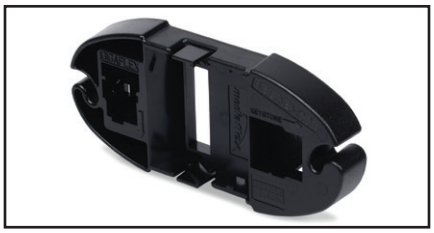
Description	Belden Part Number
Tool Assembly for KeyConnect/MDVO Jacks	AX105566
Tool Headset for KeyConnect/MDVO Jacks	AX105568
Tool Pouch	AX105569

Workstation Outlets (continued)

Tools

AX100749, 110 Connecting Tool

1797B 009, Cable Preparation Tool



AX101852, Termination Station

AX101185, Outlet Release Tool

AX102775, Patch Cord Tool

The 110 Connecting Tool is a no-impact connecting tool used to terminate cables, pigtails or cross-connect wires on any KeyConnect module or 110 product. The 110 Tool is a spring-activated hand tool. A single forward movement will seat the wire into the IDC clip and cut off the excess wire. The tool will terminate 22, 24 and 26 AWG plastic insulated solid copper conductors.

The Bonded-Pair Cable Preparation Tool makes it faster and easier to prepare cables for connector termination. This tool is ideal for use with Belden Bonded-Pair Cables, providing special features that help separate twisted pairs. It can also be used to prepare any Nonbonded-pair cable for installation.

The Termination Station is an ergonomically designed holder that provides stability to the KeyConnect Module during termination. The station has pockets with locking features that steadily hold either MDVO or KeyConnect Modules or MediaFlex Inserts during pair placement and wire termination. Cable retainers on each end of the station will secure and hold cables during the pair placement process. The flat bottom surface provides the required stability to safely terminate modules. The tool is made of very durable plastic; its low profile makes it an easy tool to use and carry.

The Outlet Release Tool is a convenient tool for servicing MediaFlex and Interface outlets. Its bent tip allows for easy front removal of MediaFlex inserts, especially when used in Angled Entry plates. It is also very useful for extracting KeyConnect Modules from miscellaneous mounting hardware.

The Patch Cord Tool allows to connect and disconnect RJ45 patch cords installed in very high-density environments (48-port, 1U patch panels and high-density networking equipment).

Tools

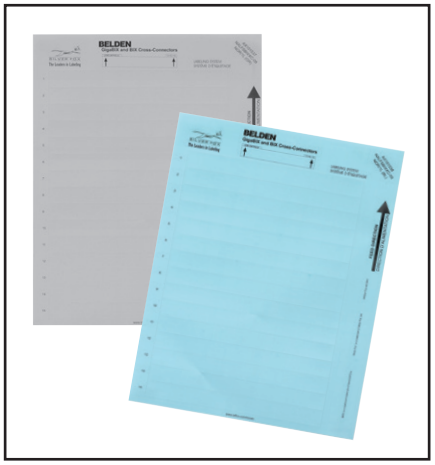
Description	Belden Part Number
110 Connecting Tool	**AX100749**
Bonded-Pair Cable Preparation Tool	**1797B 009**
Termination Station	**AX101852**
Outlet Release Tool	**AX101185**
Patch Cord Tool	**AX102775**

Call Interstate Wire Co., Inc. - (800) 527-0010

Workstation Outlets (continued)

LabelFlex Labels

The LabelFlex solution is aimed at simplifying network management. Using the labeling system (software and label types), you can rapidly produce quality, application-specific labels for most Belden products in a fraction of the time needed for traditional methods.



LabelFlex Labels

Copper and Fiber Patch Panels

Description	Belden Part Number
REVConnect Patch Panels	
64 labels per sheet, 10 sheets per pack, white	AX107527
KeyConnect Patch Panels	
24 labels per sheet, 5 sheets per pack, white	AX102299
KeyConnect Ultra-High-Density Patch Panels	
24 labels per sheet, 5 sheets per pack, white	AX103275
AngleFlex Patch Panels and 10GX IDC Patch Panels	
180 labels per sheet, 5 sheets per pack, white	AX103257
HD-Series Patch Panels	
18 labels per sheet, 5 sheets per pack, white	AX101554
28 labels per sheet, 5 sheets per pack, white	AX103265
Flex Patch Panels	
28 labels per sheet, 5 sheets per pack, white	AX101551
LabelFlex for FX ECX Patch Panels	
4 labels per sheet, 10 sheets per pack, white	ECX-LBF-PK10

Copper and Fiber Cables

Description	Belden Part Number
Fiber Flag Labels	
60 labels per sheet, 10 sheets per pack, print area 0.39x0.79 in., white	AX107692
24 labels per sheet, 10 sheets per pack, print area 0.39x0.79 in., white	AX107693
42 labels per sheet, 10 sheets per pack, print area 1.18x0.39 in., white	AX107721
Cable Labels	
72 labels per sheet, 25 sheets per pack, cable OD 0.20 in. Print Area 0.98x0.32 in., white	AX107694
48 labels per sheet, 25 sheets per pack, cable OD 0.24 in. Print Area 0.98x0.47 in., white	AX101555
48 labels per sheet, 25 sheets per pack, cable OD 0.24 in. Print Area 0.98x0.75 in., white	AX107695
24 labels per sheet, 25 sheets per pack, cable OD 0.24 in. Print Area 1.97x0.75 in., white	AX107696
24 labels per sheet, 25 sheets per pack, cable OD 0.67 in. Print Area 0.98x0.98 in., white	AX107697
24 labels per sheet, 25 sheets per pack, cable OD 0.51 in. Print Area 0.98x0.78 in., white	AX101556
8 labels per sheet, 25 sheets per pack, cable OD 0.79 in. Print Area 1.97x0.79 in., white	AX107698
16 labels per sheet, 25 sheets per pack, cable OD 0.79 in. Print Area 0.98x0.79 in., white	AX107699
32 labels per sheet, 25 sheets per pack, cable OD 0.39 in. Print Area 0.98x0.75 in., white	AX107719
16 labels per sheet, 25 sheets per pack, cable OD 0.39 in. Print Area 1.97x0.75 in., white	AX107720
Cable Tie-on Labels	
48 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 2.36x0.51 in., white	AX107700
48 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 2.36x0.51 in., yellow	AX107701
32 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 3.54x0.51 in., white	AX107702
32 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 3.54x0.51 in., yellow	AX107703
22 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 3.54x0.79 in., white	AX107704
22 labels per sheet, 10 sheets per pack, cable OD 0.39 in. Print Area 3.54x0.79 in., yellow	AX107705

Download:
FREE LabelFlex software at:
www.belden.com/labelflex

Miscellaneous Labels

Description	Belden Part Number
Cabinet Labels	
96 labels per sheet, 10 sheets per pack, label 1.89x0.35 in., white	AX107711
144 labels per sheet, 10 sheets per pack, label 0.94x0.47 in., white	AX107712
30 labels per sheet, 10 sheets per pack, label 2.16x0.87 in., white	AX107713

Workstation Outlets

Description	Belden Part Number
KeyConnect/Interface Workstation Outlets	
80 labels per sheet, 5 sheets per pack, white	AX101552
MediaFlex Workstation Outlets	
30 labels per sheet, 10 sheets per pack, white	AX101821
Workstation Modules	
450 labels per sheet, 5 sheets per pack, white	AX101553

10GX REVConnect Wall-Mount System, BIX, GIGABIX and 110 Cross-Connect Labels

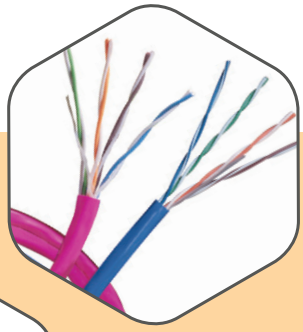
Description	Belden Part Number									
	Gray	White	Orange	Red	Yellow	Green	Blue	Purple	Brown	Silver
10GX REVConnect Wall-Mount System, BIX and GIGABIX Labels										
15 labels per sheet, 5 sheets per pack in.	AX101532	AX101533	AX101534	AX101535	AX101536	AX101537	AX101538	AX101539	AX101540	AX101541
BIX Modular Jack Connector Labels										
28 labels per sheet, 5 sheets per pack in.	AX101542	AX101543	AX101544	AX101545	AX101546	AX101547	AX101548	AX101549	AX101550	AX101584
110 Cross-Connect Labels										
18 labels per sheet, 5 sheets per pack in.	AX101557	AX101558	AX101559	AX101560	AX101561	AX101562	AX101563	AX101564	AX101565	

Call Interstate Wire Co., Inc. - (800) 527-0010

BELDEN

SECTION FIVE

Miscellaneous Cables



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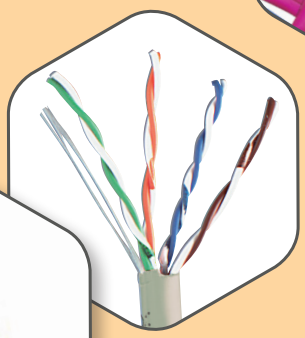
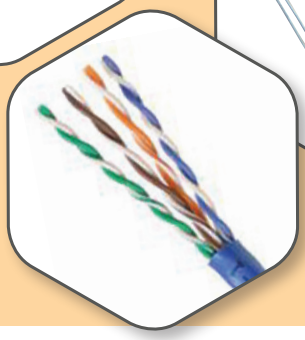




Belden understands that not every application is the same and unique situations and environments may call for a different cable solution. That's why our Copper Solutions Catalog also includes a variety of additional Belden quality cables to meet specific customer needs. From shielded, bundled Siamese and limited combustible cables, to outside plant, multi-pair and patch cables, Belden has the copper cable you need for a variety of voice, data and control applications.

DataTwist Category 6, 5e and 5 Cables are available in shielded (F/UTP) plenum and non-plenum varieties with several color and packaging options to ease installation, handling and identification.

DataTwist 1200 Bonded-Pair UTP Siamese Cables come bundled with two 4-pair cables for easy break-out and identification.

Limited Combustible Cable is a plenum cable that provides the ultimate in fire and smoke safety. These cables are specifically engineered to meet NFPA requirements for a Limited Combustible cable while offering beyond-standards performance for Category 6 and 5e.

DataTwist Outside Plant (OSP) Cables are available in Category 6 and Category 5e cables and feature a thick polyethylene jacket for better moisture and cut-through resistance.

Backbone Indoor Cables are available in Plus 25-pair Category 5e backbone cables for highspeed applications or in DataTwist Category 3 UTP multi-pair cables, including up to 300-pair count cables for large voice communication systems.

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 6, 5e, and 5, DataTwist Shielded Cables

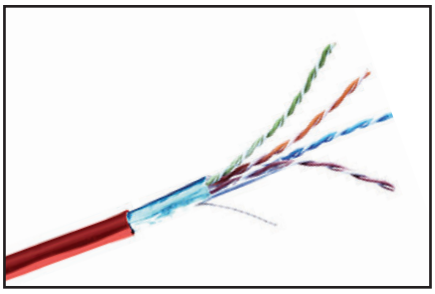
Nonbonded-Pair

DataTwist 6, 5e and 5 F/UTP Shielded Cables have thick, 100% coverage foil shields that protect systems from harsh EMI environments, which improves data throughout.

DataTwist 6 and 5e Shielded Cables consist of 4-pair F/UTP cables that meet or exceed ANSI/TIA-568-C.2 requirements. DataTwist 5 meets or exceeds ANSI/TIA-568-B.2 requirements.

Information about products contributing to LEED points is available at www.belden.com/leed

ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff



DataTwist 5e F/UTP

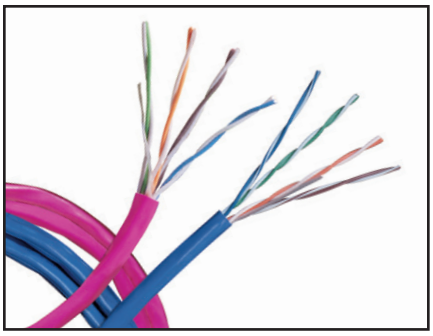
Category 6, 5e, and 5, DataTwist Shielded Cables

Description		Belden Part Number	
		Nonbonded-Pair	
Color	Length	Spool-in-Box	Spool
Category 6, DataTwist 6 Shielded Cables, F/UTP, 4-pair, 23 AWG, Plenum-CMP			
Yellow	1000 ft (305 m)	Available	**1352A 0041000**
Blue	1000 ft (305 m)	Available	**1352A D151000**
Gray	1000 ft (305 m)	Available	**1352A 0081000**
White	1000 ft (305 m)	Available	**1352A 0091000**
Category 6, DataTwist 6 Shielded Cables, F/UTP, 4-pair, 23 AWG, Riser-CMR			
Yellow	1000 ft (305 m)	Available	**1351A 0041000**
Blue	1000 ft (305 m)	Available	**1351A 0061000**
Gray	1000 ft (305 m)	Available	**1351A 0081000**
White	1000 ft (305 m)	Available	**1351A 0091000**
Category 5e, DataTwist 5e Shielded Cables, F/UTP, 4-pair, 24 AWG, Plenum-CMP			
Yellow	1000 ft (305 m)	**1533P 004A1000**	**1533P 0041000**
Green	1000 ft (305 m)	**1533P 005A1000**	**1533P 0051000**
Blue	1000 ft (305 m)	**1533P D15A1000**	**1533P D151000**
Gray	1000 ft (305 m)	**1533P 008A1000**	**1533P 0081000**
Natural	1000 ft (305 m)	**1533P 877A1000**	**1533P 8771000**
Black	1000 ft (305 m)	**1533P 010A1000**	**1533P 0101000**
Category 5e, DataTwist 5e Shielded Cables, F/UTP, 4-pair, 24 AWG, Riser-CMR			
Yellow	1000 ft (305 m)	**1533R 004A1000**	**1533R 0041000**
Green	1000 ft (305 m)	**1533R 005A1000**	**1533R 0051000**
Blue	1000 ft (305 m)	**1533R 006A1000**	**1533R 0061000**
Lt. Gray	1000 ft (305 m)	**1533R F2VA1000**	**1533R F2V1000**
White	1000 ft (305 m)	Available	**1533R 0091000**
Black	1000 ft (305 m)	**1533R 010A1000**	**1533R 0101000**
Category 5, DataTwist 5 Shielded Cables, F/UTP, 4-pair, 24 AWG, Plenum-CMP			
Blue	1000 ft (305 m)	**1624P D15A1000**	**1624P D151000**
Gray	1000 ft (305 m)	**1624P 008A1000**	**1624P 0081000**
Natural	1000 ft (305 m)	**1624P 877A1000**	**1624P 8771000**
Category 5, DataTwist 5 Shielded Cables, F/UTP, 4-pair, 24 AWG, Riser-CMR			
Blue	1000 ft (305 m)	**1624R 006A1000**	**1624R 0061000**
Lt. Gray	1000 ft (305 m)	**1624R F2VA1000**	**1624R F2V1000**

Other standard colors are available upon request.

DataTwist 5e Cable, Category 5e

Nonbonded-Pair



DataTwist 5e Cable

DataTwist® 5e Cables are easy to install and offer all the performance you need to meet ANSI/TIA-568-C.2 Category 5e standards. DataTwist 5e Cables are available in plenum and non-plenum versions, and several color and packaging options to make installation, handling and identification easier. Made to the highest-quality standards in the industry, DataTwist 5e Cables support all applications that operate using Category 5e standards.

Information about products contributing to LEED points is available at www.belden.com/leed

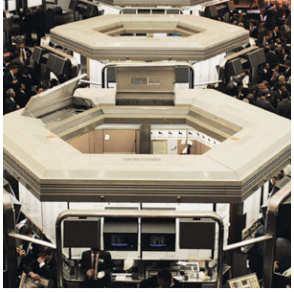
ReelTuff Packaging is available for some part numbers. Get more information at www.belden.com/reeltuff

Category 5e, DataTwist 5e Cables

Description		Belden Part Number	
		Nonbonded-Pair	
Color	Length	UnReel Box	Spool
Category 5e, DataTwist 5e, UTP, 2-pair, 24 AWG, Plenum-CMP			
Blue	1000 ft (305 m)	Available	**1590A D151000**
Natural	1000 ft (305 m)	Available	**1590A 8771000**
Category 5e, DataTwist 5e, UTP, 2-pair, 24 AWG, Riser-CMR			
Blue	1000 ft (305 m)	**1588A 006U1000**	**1588A 0061000**
Gray	1000 ft (305 m)	**1588A F6HU1000**	**1588A F6H1000**
Category 5e, DataTwist 5e, UTP, 4-pair, 24 AWG, Plenum-CMP			
Red	1000 ft (305 m)	**1585A 002U1000**	**1585A 0021000**
Orange	1000 ft (305 m)	**1585A 003U1000**	**1585A 0031000**
Yellow	1000 ft (305 m)	**1585A 004U1000**	**1585A 0041000**
Green	1000 ft (305 m)	**1585A 005U1000**	**1585A 0051000**
Blue	1000 ft (305 m)	**1585A D15U1000**	**1585A D151000**
Gray	1000 ft (305 m)	**1585A 008U1000**	**1585A 0081000**
White	1000 ft (305 m)	**1585A 009U1000**	**1585A 0091000**
Black	1000 ft (305 m)	**1585A 010U1000**	**1585A 0101000**
Pink	1000 ft (305 m)	**1585A 012U1000**	**1585A 0121000**
Fluor. Pink	1000 ft (305 m)	Available	**1585B T301000**
Natural	1000 ft (305 m)	**1585A 877U1000**	**1585A 8771000**
Category 5e, DataTwist 5e, UTP, 4-pair, 24 AWG, Riser-CMR			
Red	1000 ft (305 m)	**1583A 002U1000**	**1583A 0021000**
Orange	1000 ft (305 m)	**1583A 003U1000**	**1583A 0031000**
Yellow	1000 ft (305 m)	**1583A 004U1000**	**1583A 0041000**
Green	1000 ft (305 m)	**1583A 005U1000**	**1583A 0051000**
Blue	1000 ft (305 m)	**1583A 006U1000**	**1583A 0061000**
Gray	1000 ft (305 m)	**1583A 008U1000**	**1583A 0081000**
White	1000 ft (305 m)	**1583A 009U1000**	**1583A 0091000**
Black	1000 ft (305 m)	**1583A 010U1000**	**1583A 0101000**
Pink	1000 ft (305 m)	**1583A 012U1000**	**1583A 0121000**
Fluor. Pink	1000 ft (305 m)	**1583B T30U1000**	**1583B T301000**

Other standard colors are available upon request.

Call Interstate Wire Co., Inc. - (800) 527-0010

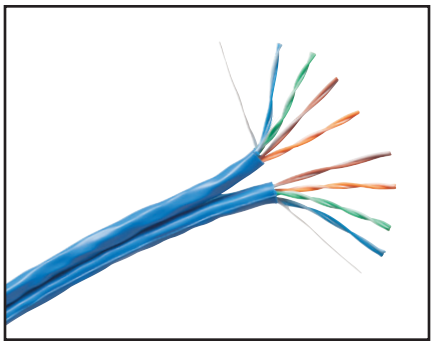


Category 5e, DataTwist 1200 Siamese Cables

Bonded-Pair

DataTwist 1200 Bonded-Pair provides superior electrical performance "on-the-reel" and in the wall. DataTwist 1200 Bonded-Pair Cables are available in plenum and non-plenum versions. They ensure superior Installable Performance® by utilizing the patented Bonded-Pair design. They exceed the full range of industry performance criteria, both electrically and physically. DataTwist 1200 Bonded-Pair Enhanced Category 5e Cable sets a new precedent for cabling with confidence.

Information about products contributing to LEED points is available at www.belden.com/leed



DataTwist 1200 Siamese Cable

Category 5e, DataTwist 1200 Siamese Cables

Description		Belden Part Number
		Bonded-Pair (DT350)
Color	Length	Spool
Category 5e, DataTwist 1200 Cables, UTP, 2x4-pair Siamese, 24 AWG, Plenum-CMP		
Blue	1000 ft (305 m)	**1703A D151000**
Natural	1000 ft (305 m)	**1703A 8771000**
Category 5e, DataTwist 1200 Cables, UTP, 2x4-pair Siamese, 24 AWG, Riser-CMR		
Blue	1000 ft (305 m)	**1702A 0061000**
Lt. Gray	1000 ft (305 m)	**1702A F2V1000**

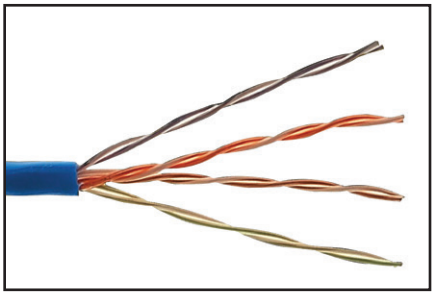
Alternative colors, lengths and packaging are available, please contact customer service for more details.

Category 6, 5e, Limited Combustible Cables

Nonbonded-Pair and Bonded-Pair

DataTwist Limited Combustible Cable is a revolutionary UTP cable engineered specifically to meet the NFPA requirements for a Limited Combustible cable and perform beyond requirements per ANSI/TIA/EIA-568-C.2. Available only in a plenum version, the DataTwist Limited Combustible Cable is the next generation of cable technology - providing the ultimate in fire and smoke safety.

These Limited Combustible cables meet the requirements for the Living Building Challenge.



DataTwist 6 Limited Combustible Cable

Category 6, 5e, DataTwist Limited Combustible Cables

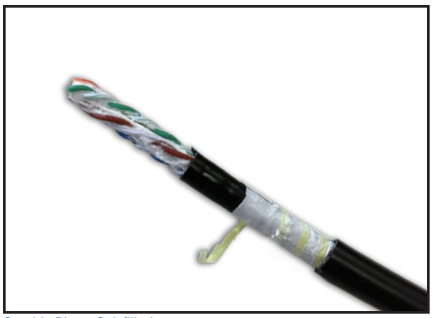
Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
		UnReel	Spool	UnReel	Spool
Category 6, DataTwist 6, 4-Pair, 23 AWG, Plenum-CMP FHC 25/50 (CMP-50)					
Blue	1000 ft (305 m)	*	*	**7813LC 006U1000**	**7813LC 0061000**
White	1000 ft (305 m)	*	*	**7813LC 009U1000**	**7813LC 0091000**
Category 5e, DataTwist 5e, 4-Pair, 24 AWG, Plenum-CMP FHC 25/50 (CMP-50)					
Blue	1000 ft (305 m)	**1585LC 006U1000**	**1585LC 0061000**	*	*
White	1000 ft (305 m)	**1585LC 009U1000**	**1585LC 0091000**	*	*
Category 5e, DataTwist 1200, 4-Pair, 24 AWG, Plenum-CMP FHC 25/50 (CMP-50)					
Blue	1000 ft (305 m)	**1701LC 006U1000**	**1701LC 0061000**	*	*
White	1000 ft (305 m)	**1701LC 009U1000**	**1701LC 0091000**	*	*

Alternative colors, lengths and packaging are available, please contact customer service for more details.

*Not available

Category 6A, 6, 5e, Indoor/Outdoor (I/O) and Outdoor Cables

Nonbonded-Pair, Bonded-Pair



Outside Plant, Gel-filled

Category 6A, 6 and 5e Outside Plant (OSP) Cables are 100% gel-filled with a non-sticky PP compound that is easy to remove when terminating. Each product also has a thick polyethylene or PVC jacket for better moisture and cut-through resistance. All products on this page meet or exceed ANSI/TIA-568-C.2 and ANSI/ICEA S-56-434 requirements. The OSP versions comply with ANSI/ICEA S-99-689 and ANSI/ICEA S-107-704 Water Penetration Test, and the CMR/CMX versions comply with ANSI/ICEA S-100-685.

Indoor/Outdoor CM-LS and OSP Cables (Suitable for Wet Locations)

Description		Belden Part Number Nonbonded-Pair	
Color	Length	Shielded (F/UTP)	Unshielded (UTP)
Category 6A, 4-Pair, 23 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**2141A 0101000**	**2147A 0101000**
Category 6, 4-Pair, 23 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**2140A 0101000**	**2143A 0101000**
Category 5e, 4-Pair, 24 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	*	**2137A 0101000**
Category 5e, Corrugated Aluminum Tape, 25-pair, 24 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**2139A 0101000**	*

*Not available

Indoor/Outdoor CMR/CMX Outdoor Cables (Sunlight Resistant)

Description		Belden Part Number Nonbonded-Pair	
Color	Length	Shielded (F/UTP)	Unshielded (UTP)
Category 6A (10GX), 4-Pair, 23 AWG, PVC Jacket**			
Black	1000 ft (305 m)	**2142A 0101000**	**2148A 0101000**
Category 6 (2400), 4-Pair, 23 AWG, PVC Jacket**			
Black	1000 ft (305 m)	**2149A 0101000**	**2146A 0101000**
Category 5e, 4-Pair, 24 AWG, PVC Jacket			
White	1000 ft (305 m)	*	**1594A 0091000**
Black	1000 ft (305 m)	**2138A 0101000**	**1594A 0101000**

*Not available

**10GX and DataTwist 2400 Cables maybe used for 25-Year Belden System Warranty.

Outside Plant OSP Cables (Suitable for Wet Locations)

Description		Belden Part Number Nonbonded-Pair	
Color	Length	Shielded F/UTP)	Unshielded (UTP)
Category 6A, 4-Pair, 23 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**OSP6AF 0101000**	**OSP6AU 0101000**
Category 6, 4-Pair, 23 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**OSP6F 0101000**	**OSP6U 0101000**
Category 5e, 4-Pair, 24 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	*	**7997A 0101000**
Category 5e, Corrugated Aluminum Tape, 4-pair, 24 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**Custom**	*
Category 5e, Corrugated Aluminum Tape, 25-pair, 24 AWG, Gel Filled, PE Jacket			
Black	1000 ft (305 m)	**Custom**	*

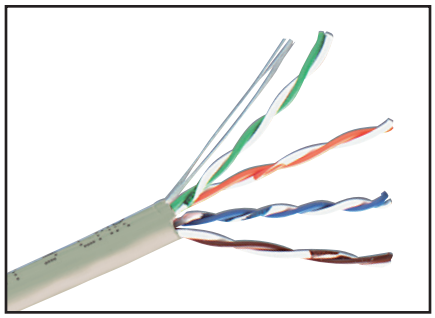
*Not available

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 3, Horizontal and Backbone Indoor Cables

DataTwist 3, D-Inside Wire and ATMM/ARMM

DataTwist 3 Cable is a high-value UTP cable engineered specifically to perform to Category 3 requirements per ANSI/TIA-568-C.2. DataTwist 3, D-Inside Wire, D-Flex Plenum and the ATMM Cable Series are rugged multi-pair cable series that meet and exceed ANSI/TIA-568-C.2 and CSA T529-95 specifications, and are perfect for use in networking and communication systems.



D-Inside Series Riser Cable

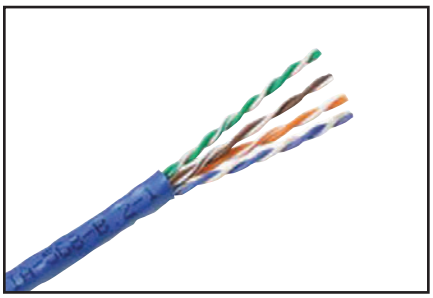
Category 3, Horizontal and Backbone Indoor Cable

Description			Belden Part Number Nonbonded-Pair	
# Pairs	Color	Length	UnReel Box	Spool
DataTwist 3, UTP, 24 AWG, Plenum-CMP				
2	White	1000 ft (305 m)	**1243A2 009U1000**	*
4	White	1000 ft (305 m)	**1245A2 009U1000**	*
DataTwist 3, UTP, 24 AWG, Riser-CMR				
2	Gray	1000 ft (305 m)	**1227A1 008U1000**	*
2	White	1000 ft (305 m)	**1227A1 Q5HU1000**	*
4	Gray	1000 ft (305 m)	**1229A1 008U1000**	*
25	Gray	1000 ft (305 m)	*	**1232A1 0081000**
D-Inside Wire, UTP, 24 AWG, Plenum-CMP				
3	Lt. Olive Gray	1500 ft (457 m)	**DFLEX3 732U1500**	*
4	White	1000 ft (305 m)	**DFLEX4 009U1000**	*
4	Lt. Olive Gray	1000 ft (305 m)	**DFLEX4 732U1000**	*
4	Lt. Olive Gray	1500 ft (457 m)	**DFLEX4 732U1500**	*
25	Lt. Olive Gray	1000 ft (305 m)	*	**DPLN25 7321000**
25	Lt. Olive Gray	Cut to any Length	*	**DPLN25 732CUT**
50	Lt. Olive Gray	Cut to any Length	*	**DPLN50 732CUT**
100	Lt. Olive Gray	Cut to any Length	*	**DPLN100 732CUT**
200	Lt. Olive Gray	Cut to any Length	*	**DPLN200 732CUT**
300	Lt. Olive Gray	Cut to any Length	*	**DPLN300 732CUT**
D-Inside Wire, UTP, 24 AWG, Riser-CMR				
2	Lt. Olive Gray	2500 ft (762 m)	**DIW2 732U2500**	*
3	Lt. Olive Gray	1500 ft (457 m)	**DIW3 732U1500**	*
4	Lt. Olive Gray	1000 ft (305 m)	**DIW4 732U1000**	*
4	Lt. Olive Gray	1500 ft (457 m)	**DIW4 732U1500**	*
6	Lt. Olive Gray	1000 ft (305 m)	*	**DIW6 7321000**
12	Lt. Olive Gray	1000 ft (305 m)	*	**DIW12 7321000**
25	Lt. Olive Gray	500 ft (152 m)	*	**DIW25 732500**
25	Lt. Olive Gray	1000 ft (305 m)	*	**DIW25 7321000**
25	Lt. Olive Gray	Cut to any Length	*	**DIW25 732CUT**
50	Lt. Olive Gray	1000 ft (305 m)	*	**DIW50 7321000**
50	Lt. Olive Gray	2500 ft (762 m)	*	**DIW50 7322500**
50	Lt. Olive Gray	Cut to any Length	*	**DIW50 732CUT**
100	Lt. Olive Gray	Cut to any Length	*	**DIW100 732CUT**
200	Lt. Olive Gray	Cut to any Length	*	**DIW200 732CUT**
300	Lt. Olive Gray	Cut to any Length	*	**DIW300 732CUT**
ATMM/ARMM, Armored, 24 AWG, Riser-CMR				
25	Gray	Cut to any Length	*	**ATMM25 008CUT**
50	Gray	Cut to any Length	*	**ATMM50 008CUT**
100	Gray	Cut to any Length	*	**ATMM100 008CUT**
200	Gray	Cut to any Length	*	**ATMM200 008CUT**
300	Gray	Cut to any Length	*	**ATMM300 008CUT**
400	Gray	Cut to any Length	*	**ATMM400 008CUT**

*Not available

Patch Cable, Category 6 and 5e

Nonbonded-Pair and Bonded-Pair



DataTwist Patch Cable

DataTwist Patch cables are flexible 4-pair products designed to be used in the work area, between patch panels or as equipment cords. Whether Category 6 or 5e, these products exceed Category 6 or Category 5e requirements as per ANSI/TIA-568-C.2.

Our high-end products, 1752A and 1875GB, are the premier patch cable products in the industry. Bonded-Pair technology gives these flexible cables rock-solid RL performance when flexed or moved. Bonded-Pairs also improve the cable's balance, which reduces the effects of noisy environments. These products also incorporate fused stranded conductors. Fusing the strands helps ensure that ambient moisture/humidity will not affect insertion loss.

Information about products contributing to LEED points are available at www.belden.com/leed

Category 6, Patch Cables

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	Spool-in-Box	Spool	Spool-in-Box	Spool
Category 6, MediaTwist, 4-pair Patch Cables, 24 AWG Stranded, Riser-CMR					
Yellow	1000 ft (305 m)	*	*	Available	**1875GB 0041000**
Green	1000 ft (305 m)	*	*	**1875GB 005A1000**	**1875GB 0051000**
Blue	1000 ft (305 m)	*	*	**1875GB 006A1000**	**1875GB 0061000**
Purple	1000 ft (305 m)	*	*	**1875GB 007A1000**	Available
Lt. Gray	1000 ft (305 m)	*	*	Available	**1875GB F2V1000**
Gray	1000 ft (305 m)	*	*	Available	**1875GB F6H1000**
White	1000 ft (305 m)	*	*	Available	**1875GB 0091000**
Black	1000 ft (305 m)	*	*	Available	**1875GB 0101000**
Category 6, DataTwist 6, 4-pair Patch Cables, 24 AWG, Riser-CMR					
Red	1000 ft (305 m)	Available	**7883A 0021000**	*	*
Orange	1000 ft (305 m)	Available	**7883A 0031000**	*	*
Yellow	1000 ft (305 m)	Available	**7883A 0041000**	*	*
Green	1000 ft (305 m)	Available	**7883A 0051000**	*	*
Blue	1000 ft (305 m)	Available	**7883A 0061000**	*	*
Purple	1000 ft (305 m)	Available	**7883A 0071000**	*	*
Lt. Gray	1000 ft (305 m)	Available	**7883A F2V1000**	*	*
White	1000 ft (305 m)	Available	**7883A 0091000**	*	*
Black	1000 ft (305 m)	Available	**7883A 0101000**	*	*

*Not available. Other standard colors are available upon request.

Category 5e, Patch Cables

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	UnReel	Spool	Spool-in-Box	Spool
Category 5e, DataTwist 1200 (DT350), 4-pair Patch Cables, 24 AWG Stranded, CM					
Red	1000 ft (305 m)	*	*	**1752A 002U1000**	**1752A 0021000**
Orange	1000 ft (305 m)	*	*	**1752A 003U1000**	**1752A 0031000**
Yellow	1000 ft (305 m)	*	*	**1752A 004U1000**	**1752A 0041000**
Green	1000 ft (305 m)	*	*	**1752A 005U1000**	**1752A 0051000**
Blue	1000 ft (305 m)	*	*	**1752A 006U1000**	**1752A 0061000**
Purple	1000 ft (305 m)	*	*	**1752A 007U1000**	**1752A 0071000**
Lt. Gray	1000 ft (305 m)	*	*	**1752A F2VU1000**	**1752A F2V1000**
Black	1000 ft (305 m)	*	*	**1752A 010U1000**	**1752A 0101000**
Category 5e, DataTwist 5e, 4-pair Patch Cables, 24 AWG Stranded, CM					
Red	1000 ft (305 m)	**1592A 002U1000**	**1592A 0021000**	*	*
Orange	1000 ft (305 m)	**1592A 003U1000**	**1592A 0031000**	*	*
Yellow	1000 ft (305 m)	**1592A 004U1000**	**1592A 0041000**	*	*
Green	1000 ft (305 m)	**1592A 005U1000**	**1592A 0051000**	*	*
Blue	1000 ft (305 m)	**1592A 006U1000**	**1592A 0061000**	*	*
Purple	1000 ft (305 m)	**1592A 007U1000**	**1592A 0071000**	*	*
Lt. Gray	1000 ft (305 m)	**1592A F2VU1000**	**1592A F2V1000**	*	*
White	1000 ft (305 m)	**1592A 009U1000**	**1592A 0091000**	*	*
Black	1000 ft (305 m)	**1592A 010U1000**	**1592A 0101000**	*	*

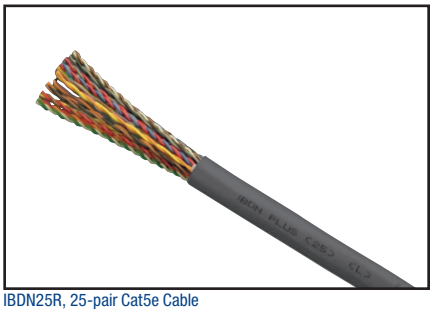
*Not available. Other standard colors are available upon request.

Call Interstate Wire Co., Inc. - (800) 527-0010

Category 5e, Backbone Indoor Cables

Nonbonded-Pair

Available in plenum and non-plenum versions, 25-pair Category 5e backbone cables are designed for high-speed applications. These cables meet and exceed Category 5e transmission characteristics, including the Power Sum Near End Crosstalk (NEXT) requirements of ANSI/TIA-568-C.2 Standard for Commercial Building Telecommunications Wiring.



IBDN25R, 25-pair Cat5e Cable

Category 5e, Backbone Indoor Cables

Description		Belden Part Number Nonbonded-Pair
Color	Length	Spool
Category 5e, Backbone Indoor Cables, 25-pair, 24 AWG, Plenum-CMP		
Gray	1000 ft (305 m)	**IBDN25P 0081000**
Category 5e, Backbone Indoor Cables, 25-pair, 24 AWG, Riser-CMR		
Blue	500 ft (152 m)	**IBDN25R 006500**
Blue	1000 ft (305 m)	**IBDN25R 0061000**
Gray	1000 ft (305 m)	**IBDN25R 0081000**

Part No.	Page
10GX12 0021000	9
10GX12 0031000	9
10GX12 0041000	9
10GX12 0041500	9
10GX12 0051000	9
10GX12 0061000	9
10GX12 0062500	9
10GX12 0071000	9
10GX12 0081000	9
10GX12 0091000	9
10GX12 0091500	9
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10GX13 D151000	9
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Part No.	Page
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