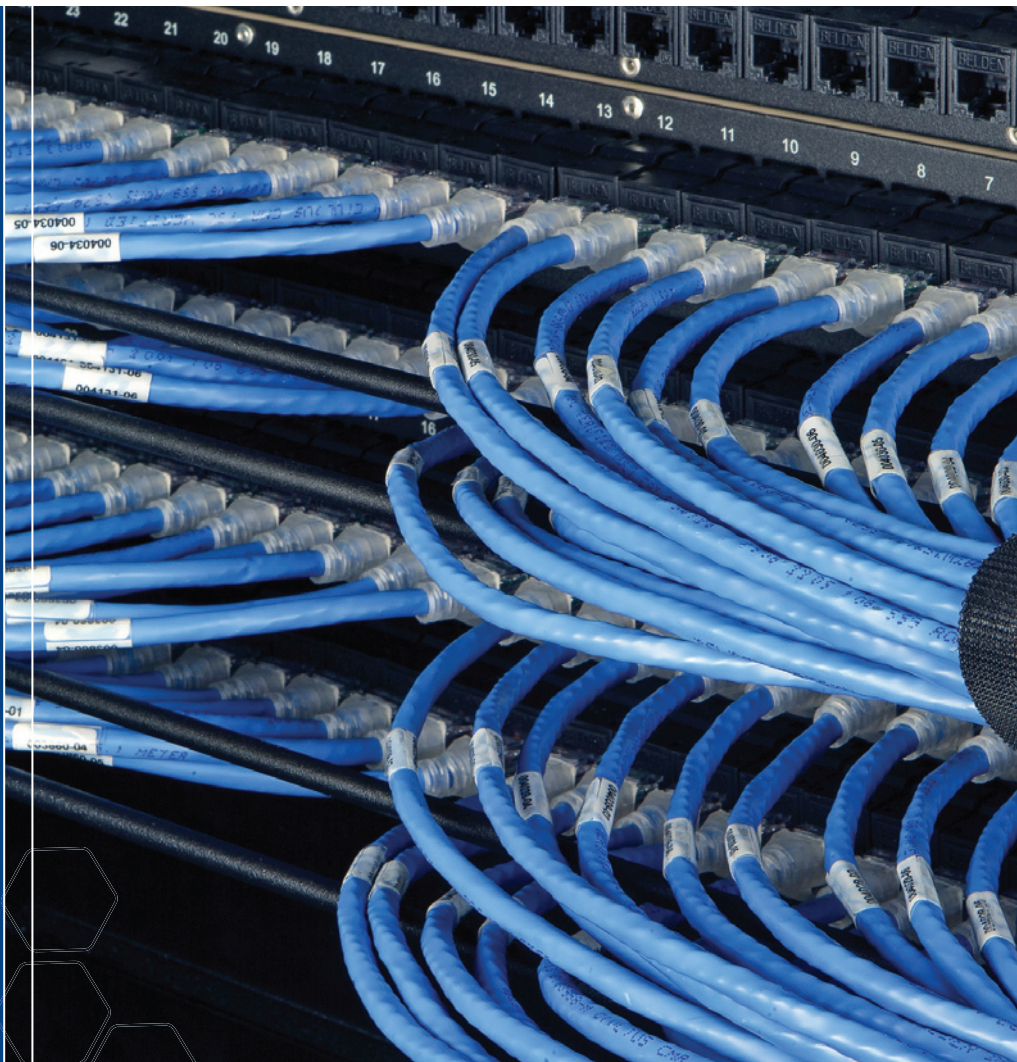
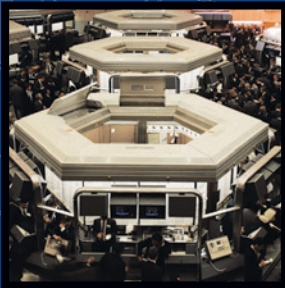




## Belden® Copper Catalog



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

**Belden Copper Systems**



# BELDEN

Belden has the end-to-end copper cabling system to meet your current networking challenges while providing the bandwidth and scalability for the needs of the future.



Faster.  
Easier.  
Better.



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

Belden understands that 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 a wide range of networking, communications, audio-visual, security and building management applications, Belden has the end-to-end copper cabling system to meet your current networking challenges while providing the bandwidth and scalability for the needs of the future.

LEED Point documents are available on several products, see specific product pages for LEED document retrieval instructions.



Living Building Challenge compliant cable products are on page 71.

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## 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

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 today's advanced applications like Voice over IP (VoIP), video over IP, Power over Ethernet (PoE) Plus 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 life span 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, makes 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
<b>Performance Standard</b>	Category 6A	Category 6	Category 6	Category 6	Category 5e
<b>Available Bandwidth</b>	625 MHz	300 MHz	280 MHz	250 MHz	160 MHz
<b>Cable Selection</b>	10GXS Series 10GX Series	DataTwist 4800 Series	DataTwist 3600 Series	DataTwist 2400 Series MediaTwist Series	DataTwist 1200 Series
<b>Connectivity Selection</b>	10GX IDC Cross-Connect	GigaBIX Cross-Connect			BIX and 110 Cross- Connect
	10GX Patch Panels 10GX Modular Jacks 10GX Modular Cords	CAT6+ Patch Panels CAT6+ Modular Jacks CAT6+ Modular Cords			CAT5E Patch Panels CAT5E Modular Jacks CAT5E Modular Cords
	KeyConnect and Flex Modular Patch Panels MediaFlex, KeyConnect, Interface and MDVO Outlet Hardware <i>(Configurable with appropriate modules)</i>				

### Belden Shielded Systems – Performance and Component Selection Matrix

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

REVConnect Modules are compatible with KeyConnect footprint

### 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 components to 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

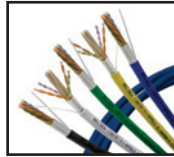
For more information about the Belden Copper Systems, call **1.800.BELDEN.1** (800.235.3361) or visit **www.belden.com**.

## Top-quality Flagship Innovations Provide the Ultimate Value

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.

### 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 10 Gigabit and broadband video applications, as well as any mission-critical situation where dropped signals are not an option.



### Pre-Terminated Cabling Systems

Ideal for data centers where time, reliability and performance are critical, Belden Pre-Terminated Cabling Systems are easy to configure, easy to order and easy to install. With an intuitive plug-and-play action, built-in reliability that virtually eliminates testing, and simple reusable components, Belden's Pre-Terminated Cabling Systems provide superior performance, save significant time and money and offer energy and waste savings. At the heart of these systems are two core components — pre-terminated cable assemblies and RJ45 modular couplers. The pre-terminated cable assemblies are a 6-cable bundle terminated with smaller footprint RJ45 plugs that provide easy pulling, routing, cable management and connection. Compatible with Belden's full line of KeyConnect modular patch panels, the RJ45 modular couplers are RJ45-to-RJ45 inline couplers designed to meet the performance requirements of a single plug-jack connection while offering the inherent simplicity of a true plug-and-play solution. The Belden Pre-Terminated Cabling Systems are available in unshielded and shielded 10GX Pre-Terminated Cabling Systems for 10 Gigabit applications and in the 3600 Pre-Terminated Cabling Solution for the ultimate in Category 6 performance.



### REVConnect Modularity

Our REVConnect modules feature the same footprint as our existing KeyConnect line, allowing for use 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, the 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 global network of top-quality distribution and fully-trained installation partners provide comprehensive local and global support from design, delivery and installation to post-installation support. Belden recruits and qualifies only the best design and installation partners certified to exclusively provide 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.



## 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 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. 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 IDC 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.

**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.

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

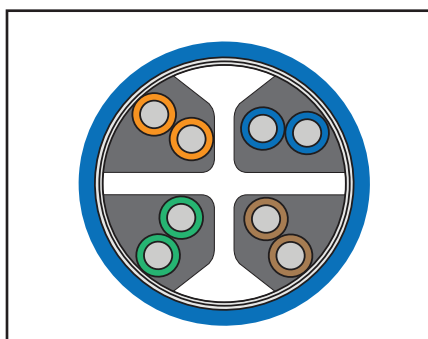
**MatriX IDC technology** positions each IDC at a right angle to its adjacent IDC to cancel out Alien Crosstalk and provide stable high-performance in high-density environments.

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

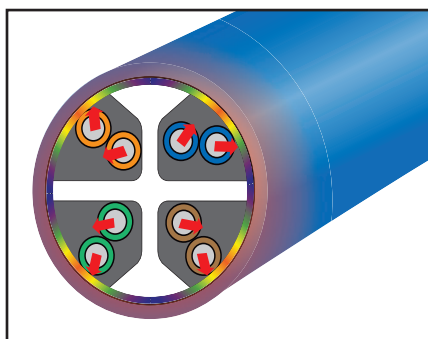
**Dual-Flex PCB technology** in the RJ45 Coupler of the 10GX Pre-Terminated Cabling Systems ensures an uninterrupted electrical path for enhanced reliability.



10GXS System Cable




EquiSpine™ Design



EquiBlock™ Barrier Effects

## 10GXS Small Diameter Cable, 10 Gigabit Ethernet, Category 6A Nonbonded-Pair and Bonded-Pair

The demand for 10G performance is growing. Emerging applications are poised to take advantage of higher 10Gb/s 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-meter channels. These cables are ideal for LANs and enterprise data centers that require both high-density and high-bandwidth connections for current and emerging network applications.

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

### Applications:

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

### 10GXS Category 6A, 4-pair, 23 AWG, Plenum-CMP

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	Spool Package	Spool-in-Box Package	Spool Package	Spool-in-Box Package
Red	305 m (1000 ft)	10GXS13 0021000	10GXS13002A1000	10GXS33 0021000	10GXS33002A1000
Orange	305 m (1000 ft)	10GXS13 0031000	10GXS13003A1000	10GXS33 0031000	10GXS33003A1000
Yellow	305 m (1000 ft)	10GXS13 0041000	10GXS13004A1000	10GXS33 0041000	10GXS33004A1000
Green	305 m (1000 ft)	10GXS13 0051000	10GXS13005A1000	10GXS33 0051000	10GXS33005A1000
Blue	305 m (1000 ft)	10GXS13 D151000	10GXS13D15A1000	10GXS33 D151000	10GXS33D15A1000
Purple	305 m (1000 ft)	10GXS13 0071000	10GXS13007A1000	10GXS33 0071000	10GXS33007A1000
Gray	305 m (1000 ft)	10GXS13 0081000	10GXS13008A1000	10GXS33 0081000	10GXS33008A1000
White	305 m (1000 ft)	10GXS13 0091000	10GXS13009A1000	10GXS33 0091000	10GXS33009A1000
Black	305 m (1000 ft)	10GXS13 0101000	10GXS13010A1000	10GXS33 0101000	10GXS33010A1000

### 10GXS Category 6A, 4-pair, 23 AWG, Riser-CMR

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	Spool Package	Spool-in-Box Package	Spool Package	Spool-in-Box Package
Red	305 m (1000 ft)	10GXS12 0021000	10GXS12002A1000	10GXS32 0021000	10GXS32002A1000
Orange	305 m (1000 ft)	10GXS12 0031000	10GXS12003A1000	10GXS32 0031000	10GXS32003A1000
Yellow	305 m (1000 ft)	10GXS12 0041000	10GXS12004A1000	10GXS32 0041000	10GXS32004A1000
Green	305 m (1000 ft)	10GXS12 0051000	10GXS12005A1000	10GXS32 0051000	10GXS32005A1000
Blue	305 m (1000 ft)	10GXS12 0061000	10GXS12006A1000	10GXS32 0061000	10GXS32006A1000
Purple	305 m (1000 ft)	10GXS12 0071000	10GXS12007A1000	10GXS32 0071000	10GXS32007A1000
Gray	305 m (1000 ft)	10GXS12 0081000	10GXS12008A1000	10GXS32 0081000	10GXS32008A1000
White	305 m (1000 ft)	10GXS12 0091000	10GXS12009A1000	10GXS32 0091000	10GXS32009A1000
Black	305 m (1000 ft)	10GXS12 0101000	10GXS12010A1000	10GXS32 0101000	10GXS32010A1000

### 10GXS Category 6A, 4-pair, 23 AWG, LSZH

Description		Belden Part Number			
		Nonbonded-Pair		Bonded-Pair	
Color	Length	Spool Package	Spool-in-Box Package	Spool Package	Spool-in-Box Package
Blue	305 m (1000 ft)	10GXS24 0061000	Available	10GXS44 0061000	Available
Purple	305 m (1000 ft)	10GXS24 0071000	Available	10GXS44 0071000	Available
Gray	305 m (1000 ft)	10GXS24 0081000	Available	10GXS44 0081000	Available
White	305 m (1000 ft)	10GXS24 0091000	Available	10GXS44 0091000	Available

LSZH 10GXS products will be available soon



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## 10GX UTP System Cable, 10 Gigabit Ethernet, Category 6A

Nonbonded-Pair and Bonded-Pair

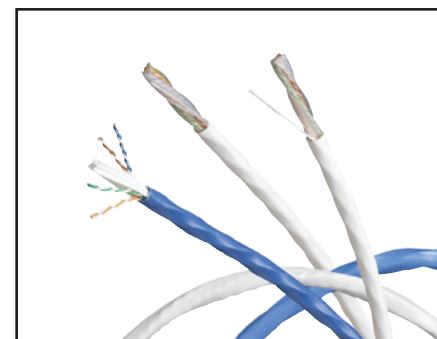
The 10GX Cable delivers performance that goes beyond the ANSI/TIA/EIA 568-C.2 Category 6A standard. When used as the horizontal cable within the Belden 10GX System, it provides 625 MHz of proven channel bandwidth and a data rate of 10 Gigabits per second. This performance is made possible through the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

### 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 (15 W), PSE Type 2 (30 W), PSE Type 3 (60 W), PSE Type 4 (100 W)
- Broadband Video (CATV) & High Speed Internet (DOCSIS) over UTP up to 860 MHz



Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

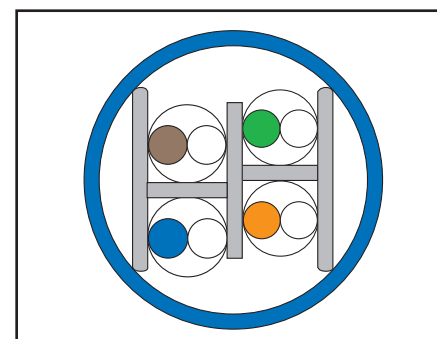


10GX System Cable

### 10GX, 4-pair, 23 AWG, CMR, Category 6A

Description		Belden Part Number	
Color	Length	Nonbonded-Pair Spool Package	Bonded-Pair Spool Package
Red	305 m (1000 ft)	10GX12 0021000	Available
Orange	305 m (1000 ft)	10GX12 0031000	Available
Yellow	305 m (1000 ft)	10GX12 0041000	10GX32 0041000
Green	305 m (1000 ft)	10GX12 0051000	Available
Blue	305 m (1000 ft)	10GX12 0061000	10GX32 0061000
Purple	305 m (1000 ft)	10GX12 0071000	Available
Gray	305 m (1000 ft)	10GX12 0081000	10GX32 0081000
White	305 m (1000 ft)	10GX12 0091000	10GX32 0091000
Black	305 m (1000 ft)	10GX12 0101000	Available
Yellow	458 m (1500 ft)	10GX12 0041500	Available
White	458 m (1500 ft)	10GX12 0091500	Available
Black	458 m (1500 ft)	10GX12 0101500	Available
Blue	762 m (2500 ft)	10GX12 0062500	Available

Spool-in-Box is available upon request



Innovative RoundFleX Design

### 10GX, 4-pair, 23 AWG, CMP, Category 6A

Description		Belden Part Number	
Color	Length	Nonbonded-Pair Spool Package	Bonded-Pair Spool Package
Yellow	305 m (1000 ft)	10GX13 0041000	10GX33 0041000
Green	305 m (1000 ft)	10GX13 0051000	Available
Blue	305 m (1000 ft)	10GX13 D151000	10GX33 D151000
Purple	305 m (1000 ft)	10GX13 0071000	Available
Gray	305 m (1000 ft)	10GX13 0081000	10GX33 0081000
White	305 m (1000 ft)	10GX13 0091000	10GX33 0091000
Black	305 m (1000 ft)	10GX13 0101000	Available
Black	458 m (1500 ft)	10GX13 0101500	Available
Yellow	762 m (2500 ft)	10GX13 0042500	Available
Blue	762 m (2500 ft)	10GX13 D152500	Available

Spool-in-Box is available upon request

### 10GX, 4-pair, 23 AWG, LSZH, Category 6A

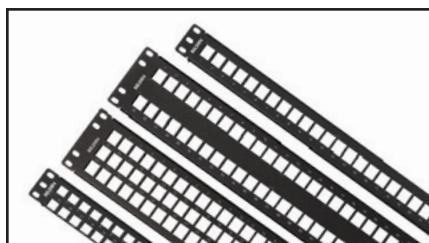
Description		Belden Part Number	
Color	Length	Nonbonded-Pair Spool Package	Bonded-Pair Spool Package
Blue	305 m (1000 ft)	10GX24 0061000	10GX44 0061000
Purple	305 m (1000 ft)	10GX24 0071000	10GX44 0071000
White	305 m (1000 ft)	10GX24 0091000	10GX44 0091000

Spool-in-Box is available upon request

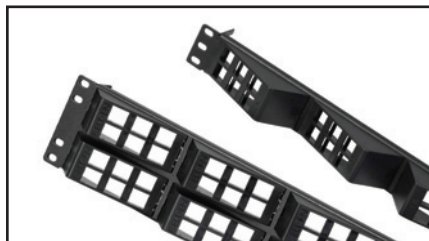
10GX UTP Field-Terminated System



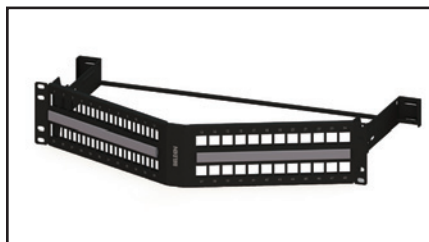
10GX KeyConnect Patch Panel (Preloaded)



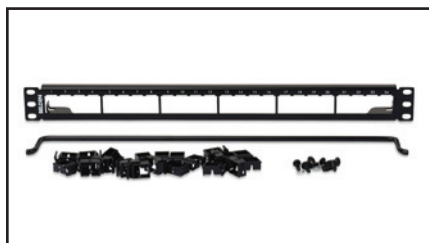
KeyConnect Patch Panel (Empty)



KeyConnect AngleFlex Patch Panel (Empty)



KeyConnect Angled Patch Panel, 48-port, 2U (Empty)



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

## 10GX Patch Panels

### Preloaded and Modular

The 10GX Patch Panel is a fully loaded patch panel designed to be used within the 10GX System. The 10GX Patch Panel features the revolutionary 10GX Connector, specifically designed to meet the difficult challenges of 10 Gb/s transmission. 10GX Patch Panels are available in high-density options such as 24 ports in 1U or 48 ports in 2U, but the phenomenal ANEXT performance of the 10GX Connector has allowed Belden to also support an ultra high-density option offering the 10GX Ultra High-Density Patch Panel supporting 48 ports in 1U. The unmatched Beyond 10G™ performance exceeds all parameters specified in the Category 6A standard. All performance characteristics including ANEXT, NEXT, FEXT, Insertion Loss and Return Loss have been set to guarantee transmission performance up to 625 MHz.

KeyConnect Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution

for Data Center and Telecommunications Room installations. The modular KeyConnect Patch Panels are available in 24-port/1U, 48-port/2U, 72-port/2U and 48-port/1U configurations.

The KeyConnect Patch Panel series also includes the unique AngleFlex Patch Panel available in 24-port/1U and 48-port/2U configurations. Patent-pending removable angled inserts provide intuitive left, right or bi-directional patch cord routing and more efficient switch connection. Angled inserts eliminate the need for horizontal cable management, for a 27% space savings per rack.

The KeyConnect and AngleFlex panels can be configured using 10GX KeyConnect Modular Jacks or Multimedia Modules.

The KeyConnect Front Access Patch Panels are available in 24-port/1U, 48-port/2U, and 72-port/2U configurations and are designed for applications where space is limited behind the panel.

## 10GX Patch Panels

Description	Belden Part Number
<b>10GX KeyConnect Patch Panels (Preloaded)</b>	
10GX KeyConnect Patch Panel, 24-port, 1U, Titanium (Preloaded)	AX103254
10GX KeyConnect Patch Panel, 48-port, 2U, Titanium (Preloaded)	AX103256
<b>10GX Ultra High-Density Patch Panel (Preloaded)</b>	
10GX Ultra High-Density Patch Panel, 1U, 48-port, Titanium (Preloaded)	AX103264
<b>10GX KeyConnect Angled Patch Panel (Preloaded)</b>	
10GX KeyConnect Angled Patch Panel, 24-port, 1U, Black (Preloaded)	AX105363
10GX KeyConnect Angled Patch Panel, 48-port, 2U, Black (Preloaded)	AX105364
10GX KeyConnect Angled Patch Panel, 48-port, 1U, Black (Preloaded)	AX105365

## KeyConnect Modular Patch Panels

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

## KeyConnect Front Access Patch Panels

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



Faster.  
Easier.  
Better.



## 10GX Modular Connectors

REVConnect, KeyConnect and MDVO-Style

The 10GX Module is available in two termination styles: standard punch down, available in both the KeyConnect and MDVO styles, and our proprietary, revolutionary style of the REVConnect system. REVConnect modules are supported by a single core termination, which leads to a highly-reliable, gas-tight termination. The universal core then supports your choice between a jack or plug, both styles supporting the same strong, full-channel performance provided by Belden's 10GX System including superior ANEXT, NEXT, FEXT, Insertion Loss, and Return Loss over a guaranteed 625MHz of bandwidth, including superior PoE.

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. The MDVO-Style 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



REVConnect Jack Housings available in 19 colors

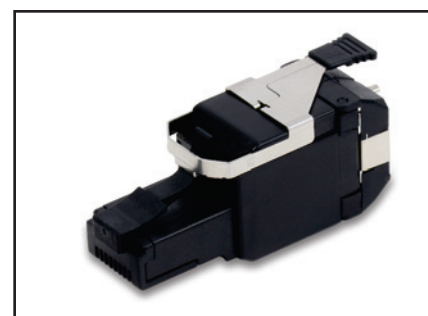
### 10GX Modular Jacks

Color	Belden Part Number			
	REVConnect Jacks		Punch Down Jacks	
	Single Pack	Bulk Pack (24 Connectors)	KeyConnect-Style	MDVO-Style
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

\*Only available in KeyConnect-Style

\*\* MDVO-style jack is white

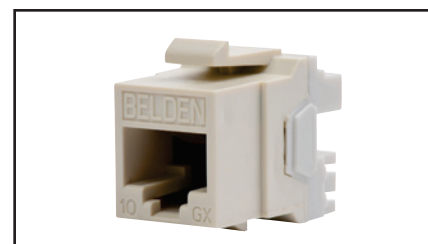
REVConnect dust caps and color icons available on pg 63



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

### REVConnect Plugs, Tools and Accessories

Description	Single Pack	Bulk Pack
<b>REVConnect 10GX Plugs</b>		
UTP (Black)	RVAFPUBK-S1	RVAFPUBK-B24
Shielded	RVAFPSME-S1	RVAFPSME-B24
<b>REVConnect Termination Tool</b>		
Universal Termination Tool	RVUTT01	—
Tool Blade Replacement Set	RVUTB01	—
Tool Belt Clip	RVUTC01	—
Replacement Cable Prep Tool	RVUCT01	—
<b>REVConnect Spare Cores</b>		
Replacement Caps and Cable Managers 50 in pack	—	RVUCOEW-B50



AX102281, 10GX KeyConnect Modular Jack

### 10GX Module, Category 6A - Replacement X-Bars

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

## 10GX Traceable Patch Cords

Bonded-Pair Patch Cords



Not Your Average Connectivity Solution...  
**Take Another Look.**

### Unique Features

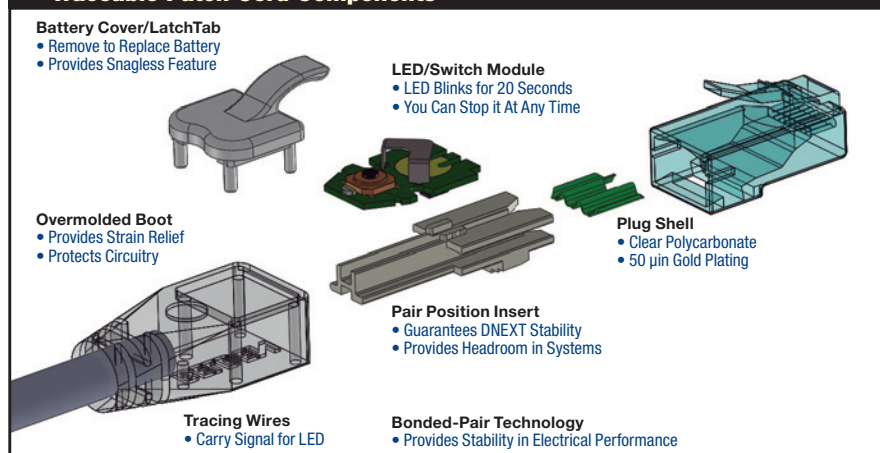
Belden Traceable Bonded-Pair Patch Cords have several unique features that make them an exceptional alternative to other patch cords on the market. They feature a highly-efficient and bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, 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.

### Key Specifications

- Available in 10GX and CAT6+ for end-to-end Belden 10GX, 4800, 3600 and 2400 systems
- Exceptionally bright, efficient LED light for easy identification in both bright and dark environments
- Belden Bonded-Pair technology for extra robustness, performance and reliability
- Bar code tagging on each end of the cord compatible with DCIM systems

- Low-profile plug boot supports ultra-high density 48-port 1U patch panels
- 100% factory tested and certified for Category 6A and Category 6
- Replaceable battery with 7-year life expectancy or 1,000 activations
- Available in a variety of colors and sizes, with custom lengths available to 250 feet
- Backed by superior support and a Belden 25-year Certified System Warranty

### Traceable Patch Cord Components



### 10GX Traceable Patch Cord, Bonded-Pair, 4-Pair, 24 AWG Solid, T568A/B-T568A/B, CMR

Description	Belden Part Number							
	Red	Orange	Yellow	Green	Blue	Gray	White	Black
2 ft (0.6 m)	CAT1102002	CAT1103002	CAT1104002	CAT1105002	CAT1106002	CAT1108002	CAT1109002	CAT1100002
4 ft (1.2 m)	CAT1102004	CAT1103004	CAT1104004	CAT1105004	CAT1106004	CAT1108004	CAT1109004	CAT1100004
7 ft (2.1 m)	CAT1102007	CAT1103007	CAT1104007	CAT1105007	CAT1106007	CAT1108007	CAT1109007	CAT1100007
10 ft (3.0 m)	CAT1102010	CAT1103010	CAT1104010	CAT1105010	CAT1106010	CAT1108010	CAT1109010	CAT1100010
15 ft (4.6 m)	CAT1102015	CAT1103015	CAT1104015	CAT1105015	CAT1106015	CAT1108015	CAT1109015	CAT1100015
25 ft (7.6 m)	CAT1102025	CAT1103025	CAT1104025	CAT1105025	CAT1106025	CAT1108025	CAT1109025	CAT1100025

Custom lengths available up to 250-ft



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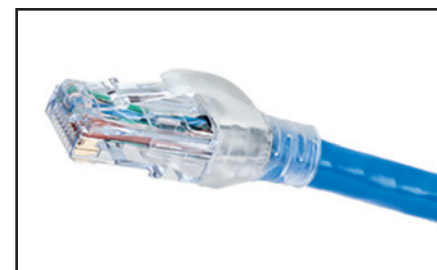
## 10GX Modular Cords

### Bonded-Pair Cords and Nonbonded-Pair Pigtails

The 10GX Modular Cords are 4-pair 24 AWG UTP modular cords designed to be used within the Belden 10GX System. Belden has designed the 10GX Modular Cord based on a patent-pending plug management bar design which allows for very good control of the internal plug NEXT. The Bonded-Pair patch cable design offers very good Alien crosstalk performance, while maintaining the important mechanical characteristics such as flexibility. The 10GX Modular Cords' design, with a very small footprint, makes them fully compatible with the highest density hubs that utilize RJ45 jack connections.

The 10GX Modular Cords are available in dark colors which match the horizontal cable colors and are also available in TIA/EIA-606 standard (pastel) colors. The unmatched performance exceeds all parameters specified in the Category 6A standard. All performance characteristics have been set to guarantee transmission performance up to 625 MHz.

- Exceeds TIA and ISO transmission and mechanical performance requirements
- Ordering code scheme to customize Bonded-Pair Patch Cord and Pigtail configurations



10GX Modular Cord

10GX UTP Field-Terminated System

## 10GX Modular Cords

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
<b>10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR</b>						
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	CA21104xxx	CA21105xxx	CA21106xxx	CA21108xxx	CA21109xxx	CA21100xxx
<b>10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR, TIA Colors</b>						
2 ft (0.6 m)	CA21114002	CA21115002	CA21116002	—	—	—
4 ft (1.2 m)	CA21114004	CA21115004	CA21116004	—	—	—
7 ft (2.1 m)	CA21114007	CA21115007	CA21116007	—	—	—
10 ft (3.0 m)	CA21114010	CA21115010	CA21116010	—	—	—
15 ft (4.6 m)	CA21114015	CA21115015	CA21116015	—	—	—
25 ft (7.6 m)	CA21114025	CA21115025	CA21116025	—	—	—
xxx	CA21114xxx	CA21115xxx	CA21116xxx	—	—	—
<b>10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMR</b>						
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	—	—	CA31206xxx	CA31208xxx	CA31209xxx	—
<b>10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMR</b>						
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	—	—	CA31306xxx	CA31308xxx	CA31309xxx	—
<b>10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMP</b>						
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	—	—	CA32206xxx	CA32208xxx	CA32209xxx	—
<b>10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMP</b>						
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	—	—	CA32306xxx	CA32308xxx	CA32309xxx	—

Use xxx to specify length in feet - 001-100 ft in increments of 1 ft - 105-295 ft in increments of 5 ft  
All pigtaills also available in Bonded-Pair

## Modular Cord Configuration Matrices

10GX, CAT6+ and CAT5E Modular Cords

To use the configuration Matrices, make a selection from each category and combine to form a custom part number. See examples.

These matrices can be used to build the part number for any Modular Cord configuration. Refer back to these matrices as needed, when designing Category 6+ (Section Two) and Category 5e systems (Section Three).

### Patch Cords Ordering Information

CA		22		1		06		007	
Performance	Cable	Termination	Colors	Colors					
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	T568A/B-T568A/B = 1	Brown = 01	1 ft (0.3 m) = 001					
CAT6+ = C6	10GX Bonded-Pair, Solid, CMP = 22		Red = 02	2 ft (0.6 m) = 002					
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMR = 01		Orange = 03	3 ft (0.9 m) = 003					
	C6/5 Bonded-Pair, Solid, CMP = 02		Yellow = 04	4 ft (1.2 m) = 004					
			Green = 05	5 ft (1.5 m) = 005					
			Blue = 06	6 ft (1.8 m) = 006					
			Purple = 07	7 ft (2.1 m) = 007					
			Gray = 08	8 ft (2.4 m) = 008					
			White = 09	9 ft (2.7 m) = 009					
			Black = 00	10 ft (3.0 m) = 010					
			TIA Red = 12	11 ft (3.4 m) = 011					
			TIA Orange = 13	12 ft (3.7 m) = 012					
			TIA Yellow = 14	13 ft (4.0 m) = 013					
			TIA Green = 15	14 ft (4.3 m) = 014					
			TIA Blue = 16	15 ft (4.6 m) = 015					
			TIA Purple = 17	20 ft (6.1 m) = 020					
				25 ft (7.6 m) = 025					

**Example:**

CA22106007 – 10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, CMP, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

### Pigtails Part Ordering Information

C6		01		3		09		025	
Performance	Cable	Termination	Colors	Colors					
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	T568A-Open = 2	Brown = 01	15 ft (4.6 m) = 015					
CAT6+ = C6	10GX Bonded-Pair, Solid, CMP = 22	T568B-Open = 3	Red = 02	20 ft (6.1 m) = 020					
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMR = 01		Orange = 03	25 ft (7.6 m) = 025					
	C6/5 Bonded-Pair, Solid, CMP = 02		Yellow = 04	35 ft (10.6 m) = 035					
	CA/C6/C5 NonBonded, CMR = 31		Green = 05	50 ft (15.2 m) = 050					
	CA/C6/C5 NonBonded, CMP = 32		Blue = 06	75 ft (22.9 m) = 075					
			Purple = 07	100 ft (30.5 m) = 100					
			Gray = 08						
			White = 09						
			Black = 00						
			TIA Red = 12						
			TIA Orange = 13						
			TIA Yellow = 14						
			TIA Green = 15						
			TIA Blue = 16						
			TIA Purple = 17						

**Example:**

C601309025 – CAT6+ Pigtail, Bonded-Pair, 4-pair, 24 AWG Solid, CMR, T568B-Open, White, 25 ft (7.6 m)

### Crossover Patch Cords Ordering Information

C5		01		5		02		010	
Performance	Cable	Termination	Colors	Colors					
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	Crossover T568A-T568B = 4	Brown = 01	1 ft (0.3 m) = 001					
CAT6+ = C6	10GX Bonded-Pair, Solid, CMP = 22	Crossover IEEE = 5	Red = 02	2 ft (0.6 m) = 002					
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMR = 01	Rollover = 6	Orange = 03	3 ft (0.9 m) = 003					
	C6/5 Bonded-Pair, Solid, CMP = 02		Yellow = 04	4 ft (1.2 m) = 004					
			Green = 05	5 ft (1.5 m) = 005					
			Blue = 06	6 ft (1.8 m) = 006					
			Purple = 07	7 ft (2.1 m) = 007					
			Gray = 08	8 ft (2.4 m) = 008					
			White = 09	9 ft (2.7 m) = 009					
			Black = 00	10 ft (3.0 m) = 010					
				11 ft (3.4 m) = 011					
				12 ft (3.7 m) = 012					
				13 ft (4.0 m) = 013					
				14 ft (4.3 m) = 014					
				15 ft (4.6 m) = 015					
				20 ft (6.1 m) = 020					
				25 ft (7.6 m) = 025					

**Example:**

C501502010 – CAT5E Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, CMR, Crossover IEEE, Red, 10 ft (3.0 m)

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Easier.  
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## 10GX Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels

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. Bringing a new level of ease and convenience to cabling system design, ordering and installation, the system allows users to deploy their high-performance 10 Gigabit networks with optimal speed and efficiency.

Proven modular components are the cornerstone of the system. These include the 10GX Pre-Terminated Cable Assemblies and the 10GX 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; and the patent-pending Dual-FieX 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 percent. In addition, this "green" system provides for plug-and-play installation and component reusability, resulting in lower installed cost and less waste.



10GX Pre-Terminated Cable Assemblies



10GX RJ45 Coupler

### 10GX Cable Assemblies

Description	Belden Part Number	
	6-Cable	8-Cable
<b>10GX Pre-Terminated Cable Assembly, Bonded-Pair, 4-Pair, 24 AWG Solid, T568A/B-T568A/B</b>		
CMR, Black	CA21100xxxA06	CA21100xxxA08
CMR, Blue	CA21106xxxA06	CA21106xxxA08
CMR, White	CA21109xxxA06	CA21109xxxA08
CMP, Black	CA22100xxxA06	CA22100xxxA08
CMP, Blue	CA22106xxxA06	CA22106xxxA08
CMP, White	CA22109xxxA06	CA22109xxxA08

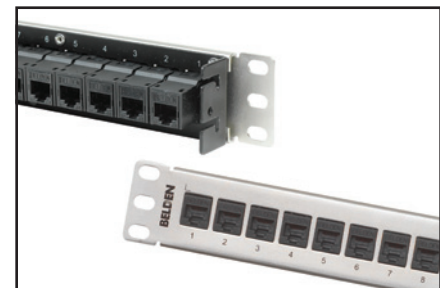
Use xxx to specify length in feet - 006-100 ft in increments of 1 ft - 105-295 ft in increments of 5 ft

### 10GX KeyConnect Patch Panels

Description	Belden Part Number
<b>10GX KeyConnect Coupler Patch Panels (Preloaded)</b>	
10GX KeyConnect Coupler Patch Panel, 24-port, 1U, Titanium (Preloaded)	AX10411
10GX KeyConnect Coupler Patch Panel, 48-port, 2U, Titanium (Preloaded)	AX10412
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
<b>10GX KeyConnect Angled Coupler Patch Panel (Preloaded)</b>	
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
<b>10GX KeyConnect Vertical Mount Patch Panel (Preloaded)</b>	
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)

### 10GX KeyConnect RJ45 Coupler

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

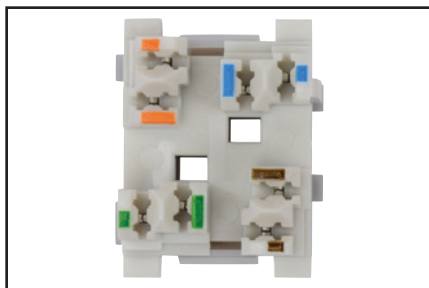
Complete the 10GX Pre-Terminated System with 10GX Modular Cords, see page 13 for ordering information.



KeyConnect AngleFlex Patch Panels

10GX UTP Pre-Terminated System

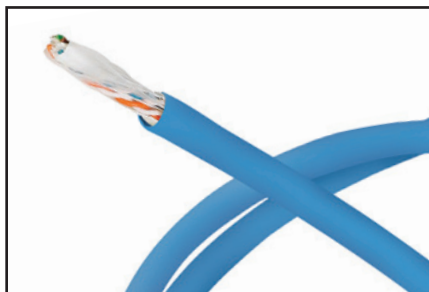




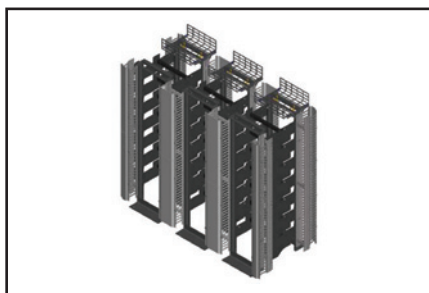
10GX IDC Connector



10GX IDC Patch Panel, shown with 10GX IDC Connectors



10GX IDC X-Connect Cable



10GX IDC Frame

## 10GX IDC System

### Connecting Components, Accessories, X-Connect Cable

The Belden 10GX IDC System is a high-performance, space-efficient modular connection system. The system meets the TIA/EIA 568-C.2 standard, plus it is uniquely engineered to deliver unmatched 10G performance — handling 10GBase-T data networking and multimedia applications with headroom to spare.

The 10GX IDC System is extremely flexible in that it accommodates the configuration of large cross-connect systems and the configuration of interconnect systems within racks. Because of its modularity, the system also accommodates future moves, adds and changes (MACs) with ease.

## 10GX IDC System

Description	Belden Part Number
<b>10GX IDC Patch Panel Components</b>	
10GX IDC Patch Panel, 24-port, 1U, Black (Empty)	AX104138
10GX IDC Connector (24 units/pkg)	AX104139
10GX IDC Block Front (100 units/pkg)	AX102679
10GX IDC Block Rear (100 units/pkg)	AX102680
<b>10GX IDC Accessories</b>	
10GX IDC Test Adapter	AX104006
<b>10GX IDC X-Connect Cable</b>	
10GX IDC X-Connect Cable	10GX12 XXX1000

Use xxx to specify color of cable. See page 11 for available colors.

## 10GX IDC Frame

Two Post Self Supporting Rack	BHHR194
6 in. Vertical Manager	BHVH006
12 in. Vertical Manager	BHVH012
Front-to-Back Trough Kit 42 in.	AX104225
Front-to-Back Trough Kit 38 in.	AX104225-S
Overhead Kit	AX104226

Faster.  
Easier.  
Better.



## 10GX Shielded System Cable, Category 6A

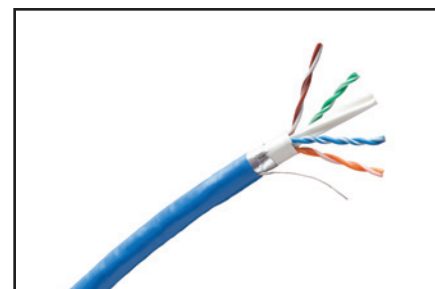
Nonbonded-Pair and Bonded-Pair

This 10GX shielded 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 Shielded System, it provides 625 MHz of proven channel bandwidth and a data rate of 10 Gigabits per second. With a thick, 100% coverage foil shield, your 10 Gb/s of data is protected from harsh EMI environments.

Adding a shield to a high performance Category 6A cable is not as easy as one would think. Any metallic shield changes the electrical performance of the cable, and if the shield is not smooth, that 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.

### 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 (15 W), PSE Type 2 (30 W), PSE Type 3 (60 W), PSE Type 4 (100 W)
- Broadband Video (CATV) and High Speed Internet (DOCSIS) over UTP up to 860 MHz



10GX Shielded System Cable

### 10GX Shielded System Cable

Belden Part Number	Color	Length	Packaging
<b>10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6A, F/UTP</b>			
10GX52F 0041000	Yellow	305 m (1000 ft)	Spool
10GX52F 0061000	Blue	305 m (1000 ft)	Spool
10GX52F 0081000	Gray	305 m (1000 ft)	Spool
10GX52F 0091000	White	305 m (1000 ft)	Spool
10GX52F 0101000	Black	305 m (1000 ft)	Spool
<b>10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6A, F/UTP</b>			
10GX53F 0041000	Yellow	305 m (1000 ft)	Spool
10GX53F D151000	Blue	305 m (1000 ft)	Spool
10GX53F 0081000	Gray	305 m (1000 ft)	Spool
10GX53F 0091000	White	305 m (1000 ft)	Spool
10GX53F 0101000	Black	305 m (1000 ft)	Spool
<b>10GX, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6A, F/UTP</b>			
10GX62F 0041000	Yellow	305 m (1000 ft)	Spool
10GX62F 0061000	Blue	305 m (1000 ft)	Spool
10GX62F 0081000	Gray	305 m (1000 ft)	Spool
10GX62F 0091000	White	305 m (1000 ft)	Spool
10GX62F 0101000	Black	305 m (1000 ft)	Spool
<b>10GX, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6A, F/UTP</b>			
10GX63F 0041000	Yellow	305 m (1000 ft)	Spool
10GX63F D151000	Blue	305 m (1000 ft)	Spool
10GX63F 0081000	Gray	305 m (1000 ft)	Spool
10GX63F 0091000	White	305 m (1000 ft)	Spool
10GX63F 0101000	Black	305 m (1000 ft)	Spool

10GX Shielded Field-Terminated System

## 10GX Shielded System (continued)

### Patch Panels, Modular Jacks and Cords



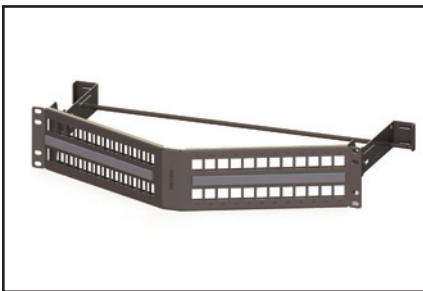
10GX Shielded Modular Patch Panel (Empty)

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. They come with a ground wire to guarantee shielding integrity (per TIA-607-B) and cable management brackets for neat cable dressing. The KeyConnect Shielded Patch Panels can be configured using 10GX Shielded Modular Jacks available in both REVConnect and KeyConnect Styles.

The 10GX REVConnect module is a rugged, easy-to-install connector designed to be used

within the Belden 10GX Shielded System. 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 Cord are designed around a patent pending plug management bar design which allows for very good control of the internal plug NEXT. The cord design offers excellent alien crosstalk performance, while maintaining flexibility. The system's unmatched performance exceeds all parameters specified in the Category 6A standard with guaranteed transmission performance up to 625 MHz.



KeyConnect Shielded Patch Panel Angled 48-p, 2U

### 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

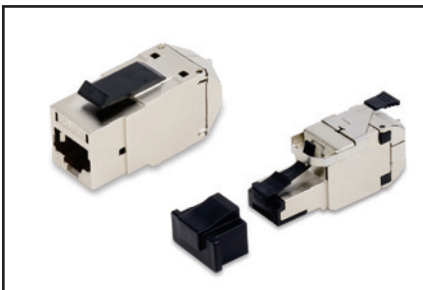
### 10GX Shielded Modular Jacks

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

Icons and dust caps for shielded jacks available on page 64

### 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



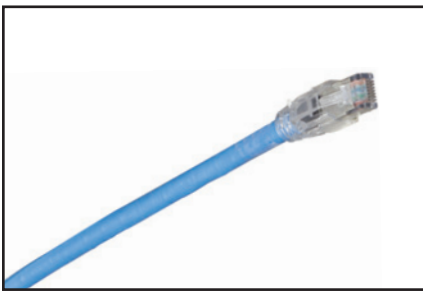
10GX Shielded REVConnect Modular Jack (Left)  
10GX Shielded REVConnect Modular Plug (Right)

### 10GX Shielded Modular Cords

Description	Belden Part Number			
	Black	Blue	Gray	White
<b>10GX Shielded Patch Cords, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR</b>				
2 ft (0.6 m)	CAF1100002	CAF1106002	CAF1108002	CAF1109002
4 ft (1.2 m)	CAF1100004	CAF1106004	CAF1108004	CAF1109004
7 ft (2.1 m)	CAF1100007	CAF1106007	CAF1108007	CAF1109007
10 ft (3.0 m)	CAF1100010	CAF1106010	CAF1108010	CAF1109010
15 ft (4.6 m)	CAF1100015	CAF1106015	CAF1108015	CAF1109015
25 ft (7.6 m)	CAF1100025	CAF1106025	CAF1108025	CAF1109025
xxx	CAF1100xxx	CAF1106xxx	CAF1108xxx	CAF1109xxx
<b>10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMR</b>				
15 ft (4.6 m)	CAF1200015	CAF1206015	CAF1208015	CAF1209015
25 ft (7.6 m)	CAF1200025	CAF1206025	CAF1208025	CAF1209025
xxx	CAF1200xxx	CAF1206xxx	CAF1208xxx	CAF1209xxx
<b>10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMR</b>				
15 ft (4.6 m)	CAF1300015	CAF1306015	CAF1308015	CAF1309015
25 ft (7.6 m)	CAF1300025	CAF1306025	CAF1308025	CAF1309025
xxx	CAF1300xxx	CAF1306xxx	CAF1308xxx	CAF1309xxx
<b>10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMP</b>				
15 ft (4.6 m)	CAF2200015	CAF2206015	CAF2208015	CAF2209015
25 ft (7.6 m)	CAF2200025	CAF2206025	CAF2208025	CAF2209025
xxx	CAF2200xxx	CAF2206xxx	CAF2208xxx	CAF2209xxx
<b>10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMP</b>				
15 ft (4.6 m)	CAF2300015	CAF2306015	CAF2308015	CAF2309015
25 ft (7.6 m)	CAF2300025	CAF2306025	CAF2308025	CAF2309025
xxx	CAF2300xxx	CAF2306xxx	CAF2308xxx	CAF2309xxx

Use xxx to specify length in feet - 001-100 ft in increments of 1 ft - 105-295 ft in increments of 5 ft, CMP patch cords also available

Please see page 19 for 10GX Shielded Patch Cord part numbers



10GX Shielded Modular Cord



Faster.  
Easier.  
Better.



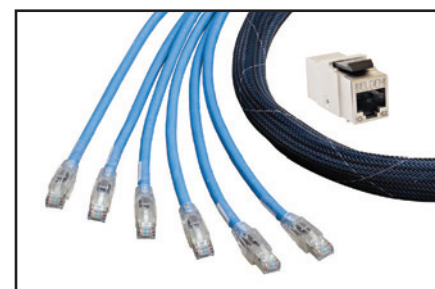
## 10GX Shielded Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels, Cords

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 their high-performance 10 Gigabit networks with optimal speed and efficiency. Proven modular components are the cornerstone of the system. These include the 10GX Shielded Pre-Terminated Cable Assemblies and the 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 unflinching electrical performance; and the patent-pending 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 Shielded Pre-Terminated Cabling System will drastically reduce installation time and labor cost. In addition, this "green" system provides for plug-and-play installation and component reusability, resulting in lower installation cost and less waste.



10GX Shielded Pre-Terminated Cable System



10GX Shielded KeyConnect RJ45 Coupler

### 10GX Shielded Pre-Terminated Cabling System

Description	Belden Part Number			
	Black	Blue	Gray	White
<b>10GX Shielded Cable Assembly, Bonded Pair, 4-pair, 23 AWG Solid, T568A/B – T568A/B, 6 Cables, CMR</b>				
15 ft (4.6 m)	CAF1100015A06	CAF1106015A06	CAF1108015A06	CAF1109015A06
25 ft (7.6 m)	CAF1100025A06	CAF1106025A06	CAF1108025A06	CAF1109025A06
35 ft (10.6 m)	CAF1100035A06	CAF1106035A06	CAF1108035A06	CAF1109035A06
50 ft (15.2 m)	CAF1100050A06	CAF1106050A06	CAF1108050A06	CAF1109050A06
xxx	CAF1100xxxA06	CAF1106xxxA06	CAF1108xxxA06	CAF1109xxxA06
<b>10GX Shielded Cable Assembly, Bonded Pair, 4-pair, 23 AWG Solid, T568A/B – T568A/B, 6 Cables, CMP</b>				
15 ft (4.6 m)	CAF2100015A06	CAF2106015A06	CAF2108015A06	CAF2109015A06
25 ft (7.6 m)	CAF2100025A06	CAF2106025A06	CAF2108025A06	CAF2109025A06
35 ft (10.6 m)	CAF2100035A06	CAF2106035A06	CAF2108035A06	CAF2109035A06
50 ft (15.2 m)	CAF2100050A06	CAF2106050A06	CAF2108050A06	CAF2109050A06
xxx	CAF2100xxxA06	CAF2106xxxA06	CAF2108xxxA06	CAF2109xxxA06

Use xxx to specify length in feet — 006-050 ft in increments of 1 ft, 055-295 ft in increments of 5 ft

### 10GX KeyConnect Shielded RJ45 Coupler

Description	Belden Part Number
10GX KeyConnect Shielded RJ45 Coupler	AX104501

### Color-coded Icon Kit

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

10GX Shielded Pre-Terminated System

## QSFP+/SFP+ Direct Attached Cables

### Cable Assemblies



SFP+ DAC Cable

To meet the most stringent signal transmission performance requirements, QSFP+/SFP+ Direct Attached Cables are manufactured with Belden Lightskew Series cable that offers intra-pair delay skew as low as 15 ps/m, silver-plated conductors, aluminum/Mylar foil and tinned copper braiding, and an FT4/CL2-rated PVC jacket.

Thoroughly third-party evaluated and tested, the zinc die-cast connectors with easy pull-to-release action are compatible with virtually all QSFP+/SFP+ Direct Attach compliant devices, cages and network interface cards.

Offered in a variety of lengths and manufactured using Belden's Lightskew™ Series twinax cables, Belden QSFP+/SFP+ Direct Attached Cables provide better cable management for high-density deployments and enhanced electrical characteristics for the most reliable signal transmission.

- Easy pull-to-release latching mechanism
- Compliant with the latest SFF-8431 specifications
- Connector cage designed for high-speed differential signaling
- Supports 8x/4x/2x/1x Fibre Channel data rates for SANs and NAS
- Supports Ethernet 10 Gb/s data rates with backwards compatibility to 1 Gb/s
- Available in a Generic or CISCO compatible EEPROM.

### Direct Attached Cables

Description	Length	Belden Part Number
<b>SFP+ Direct Attach Copper Cable Assemblies, 10Gb/s, Passive</b>		
SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	0.5 meter	SSFPP-P00M5-1
SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	1 meter	SSFPP-P01M0-1
SFP+ 2-pairs Belden Lightskew, 30 AWG, Cisco-compatible EEPROM	1 meter	SSFPP-P01M0-2
SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	2 meters	SSFPP-P02M0-1
SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	3 meters	SSFPP-P03M0-1
SFP+ 2-pairs Belden Lightskew, 30 AWG, Cisco-compatible EEPROM	3 meters	SSFPP-P03M0-2
SFP+ 2-pairs Belden Lightskew, 24 AWG, Generic EEPROM	5 meters	SSFPP-P05M0-1
SFP+ 2-pairs Belden Lightskew, 24 AWG, Cisco-compatible EEPROM	5 meters	SSFPP-P05M0-2
SFP+ 2-pairs Belden Lightskew, 24 AWG, Generic EEPROM	7 meters	SSFPP-P07M0-1
<b>QSFP+ Direct Attach Copper Cable Assemblies, 40Gb/s, Passive</b>		
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Generic EEPROM	0.5 meter	QSFPP-P00M5-1
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Generic EEPROM	1 meter	QSFPP-P01M0-1
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Cisco-compatible EEPROM	1 meter	QSFPP-P01M0-2
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Generic EEPROM	2 meters	QSFPP-P02M0-1
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Generic EEPROM	3 meters	QSFPP-P03M0-1
QSFP+ 8-pairs Belden Lightskew, 30 AWG, Cisco-compatible EEPROM	3 meters	QSFPP-P03M0-2
QSFP+ 8-pairs Belden Lightskew, 26 AWG, Generic EEPROM	5 meters	QSFPP-P05M0-1
QSFP+ 8-pairs Belden Lightskew, 26 AWG, Cisco-compatible EEPROM	5 meters	QSFPP-P05M0-2
<b>QSFP+ to 4/SFP+ Breakout Direct Attach Copper Cable Assemblies, 4x10Gb/s, Passive</b>		
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	0.5 meter	QSSFP-P00M5-1
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	1 meter	QSSFP-P01M0-1
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Cisco-comp. EEPROM	1 meter	QSSFP-P01M0-2
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	2 meters	QSSFP-P02M0-1
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Generic EEPROM	3 meters	QSSFP-P03M0-1
4x SFP+ 2-pairs Belden Lightskew, 30 AWG, Cisco-comp. EEPROM	3 meters	QSSFP-P03M0-2
QSFP+ 8-pairs "Octopus" Belden Lightskew, 26 AWG, Generic EEPROM	5 meters	QSSFP-P05M0-1
QSFP+ 8-pairs "Octopus" Belden Lightskew, 26 AWG, Cisco-comp. EEPROM	5 meters	QSSFP-P05M0-2

Faster.  
Easier.  
Better.



## Small OD Copper Patch Cords

### Cable Assemblies

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

- Available in Cat 6 and Cat 6A for 1G and 10G applications
- Reduce congestion and allow tight bend radius and improve airflow
- Work for all applications (including POE+)
- Easier access for maintenance and Improve overall network administration
- Offered in 3,4,5,7,10,15 and 25-ft standard lengths and customizable with smart item number (C6D11xyyy) for optimal cable management
- Available in, blue, white, black as standard colors as well as red, yellow, green and gray for color-coded services



Small OD Patch Cord

Description	Belden Part Number		
	Blue	White	Black
<b>CAT6 Performance Patch Cord, 28 AWG Stranded, T568A/B-T568A/B, CMR</b>			
2 ft (0.6 m)	C6D1106002	C6D1109002	C6D1100002
4 ft (1.2 m)	C6D1106004	C6D1109004	C6D1100004
7 ft (2.1 m)	C6D1106007	C6D1109007	C6D1100007
10 ft (3.0 m)	C6D1106010	C6D1109010	C6D1100010
15 ft (4.6 m)	C6D1106015	C6D1109015	C6D1100015
20 ft (6.1 m)	C6D1106020	C6D1109020	C6D1100020
xxx	C6D1106xxx	C6D1109xxx	C6D1100xxx
<b>CAT6A Performance Patch Cord, 28 AWG Stranded, T568A/B-T568A/B, CMR</b>			
2 ft (0.6 m)	CAD1106002	CAD1109002	CAD1100002
4 ft (1.2 m)	CAD1106004	CAD1109004	CAD1100004
7 ft (2.1 m)	CAD1106007	CAD1109007	CAD1100007
10 ft (3.0 m)	CAD1106010	CAD1109010	CAD1100010
15 ft (4.6 m)	CAD1106015	CAD1109015	CAD1100015
20 ft (6.1 m)	CAD1106020	CAD1109020	CAD1100020
xxx	CAD1106xxx	CAD1109xxx	CAD1100xxx

Other colors available with Minimum Order Quantity. Call Customer Service for additional information. Longer lengths available. Use the Cordage Length Chart to calculate allowable cordage length in reduce permanent link length



## SECTION TWO

# Category 6 (CAT6+) Systems

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Belden offers three beyond-standards Category 6 (CAT6+) Systems copper systems to support a variety of price-performance ratios, applications, environments and operational life spans—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 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, 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 general business applications and transactions.

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

Based on proven reliable BIX technology, the space-savings 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.

Faster.  
Easier.  
Better.



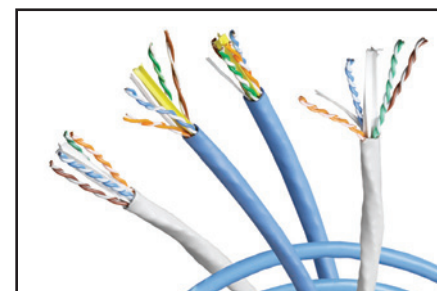
## DataTwist 4800 UTP Cable, Category 6

Nonbonded-Pair and Bonded-Pair

DataTwist 4800, part of the 4800 System, is a UTP cable engineered specifically to perform well beyond ANSI/TIA/EIA-568-C.2 Category 6 requirements. DataTwist 4800 Cables can be specified in either Nonbonded-Pair design or in Belden's exclusive Bonded-Pair construction. 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. This strong signal translates into maximum headroom and more robust transmission for today's applications as well as a capacity for those of tomorrow's networks. The higher signal power of DataTwist 4800 Cables also results in a higher PSACR. With this higher ratio, 4800 Cables are able to 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.

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



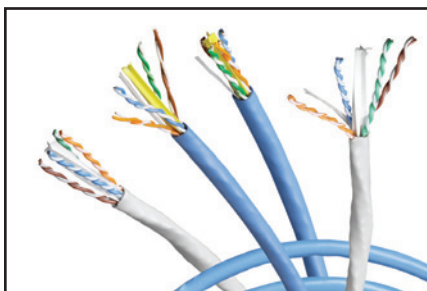
DataTwist 4800 UTP Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

CATv+ UTP Field-Terminated System

### DataTwist 4800 UTP Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 4800, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6</b>			
4812 006A1000	Blue	305 m (1000 ft)	Spool-in-Box
4812 009A1000	White	305 m (1000 ft)	Spool-in-Box
4812 0021000	Red	305 m (1000 ft)	Spool
4812 0041000	Yellow	305 m (1000 ft)	Spool
4812 0051000	Green	305 m (1000 ft)	Spool
4812 0061000	Blue	305 m (1000 ft)	Spool
4812 0081000	Gray	305 m (1000 ft)	Spool
4812 0091000	White	305 m (1000 ft)	Spool
4812 0062500	Blue	762 m (2500 ft)	Spool
<b>DataTwist 4800, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6</b>			
4813 D15A1000	Blue	305 m (1000 ft)	Spool-in-Box
4813 009A1000	White	305 m (1000 ft)	Spool-in-Box
4813 0041000	Yellow	305 m (1000 ft)	Spool
4813 0051000	Green	305 m (1000 ft)	Spool
4813 0081000	Gray	305 m (1000 ft)	Spool
4813 0091000	White	305 m (1000 ft)	Spool
4813 0101000	Black	305 m (1000 ft)	Spool
4813 D151000	Blue	305 m (1000 ft)	Spool
4813 0092500	White	762 m (2500 ft)	Spool



DataTwist 4800 UTP Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

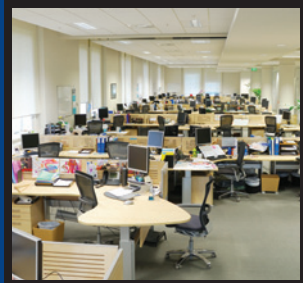
## DataTwist 4800 UTP Cable, Category 6 (continued) Nonbonded-Pair and Bonded-Pair

### DataTwist 4800 UTP Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6</b>			
7851A 002A1000	Red	305 m (1000 ft)	Spool-in-Box
7851A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
7851A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
7851A 005A1000	Green	305 m (1000 ft)	Spool-in-Box
7851A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box
7851A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box
7851A 009A1000	White	305 m (1000 ft)	Spool-in-Box
7851A 010A1000	Black	305 m (1000 ft)	Spool-in-Box
7851A 0021000	Red	305 m (1000 ft)	Spool
7851A 0031000	Orange	305 m (1000 ft)	Spool
7851A 0041000	Yellow	305 m (1000 ft)	Spool
7851A 0051000	Green	305 m (1000 ft)	Spool
7851A 0061000	Blue	305 m (1000 ft)	Spool
7851A F6H1000	Gray	305 m (1000 ft)	Spool
7851A 0091000	White	305 m (1000 ft)	Spool
7851A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6</b>			
7852A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
7852A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
7852A 005A1000	Green	305 m (1000 ft)	Spool-in-Box
7852A D15A1000	Blue	305 m (1000 ft)	Spool-in-Box
7852A 008A1000	Gray	305 m (1000 ft)	Spool-in-Box
7852A 009A1000	White	305 m (1000 ft)	Spool-in-Box
7852A 0021000	Red	305 m (1000 ft)	Spool
7852A 0041000	Yellow	305 m (1000 ft)	Spool
7852A 0051000	Green	305 m (1000 ft)	Spool
7852A D151000	Blue	305 m (1000 ft)	Spool
7852A 0081000	Gray	305 m (1000 ft)	Spool
7852A 0091000	White	305 m (1000 ft)	Spool
7852A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6</b>			
7851NH E4XA1000	Gray	305 m (1000 ft)	Spool-in-Box
7851NH E4X1000	Gray	305 m (1000 ft)	Spool



Faster.  
Easier.  
Better.



## DataTwist 3600 Cable, Category 6

Nonbonded-Pair and Bonded-Pair

DataTwist 3600 UTP Cables provide increased bandwidth and signal-to-noise margins. Their smaller diameter and high performance make possible the unique Category 6 networking solution: Belden 3600 System.

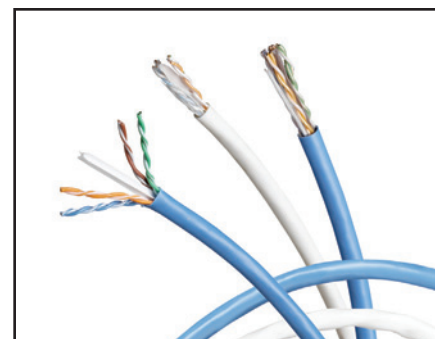
DataTwist 3600 UTP Cables have descending-distance marking for cable length that reduces waste. Matching tip and ring color code for ease of installation. Available in Spool-in-Box packaging for ease of installation, handling, and inventory management.



Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

### Features

- Central spline design separates pairs and maintains stable pair position, thus 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 compactness of installations
- Larger 23AWG conductors perfect for PoE applications:  
PoE PSE Type 1 (15 W), PSE Type 2 (30 W)  
PSE Type 3 (60 W), PSE Type 4 (100 W)
- When used in the Belden 3600 System, the channel provides at least 280 MHz of bandwidth.



DataTwist 3600 Cable

### DataTwist 3600 UTP Cable, Nonbonded-Pair, 4-pair, 23 AWG, CMR

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Orange	305 m (1000 ft)	3612 003U1000	3612 003A1000	Available
Yellow	305 m (1000 ft)	3612 004U1000	3612 004A1000	3612 0041000
Green	305 m (1000 ft)	3612 005U1000	3612 005A1000	3612 0051000
Blue	305 m (1000 ft)	3612 006U1000	3612 006A1000	3612 0061000
Purple	305 m (1000 ft)	Available	3612 007A1000	Available
Gray	305 m (1000 ft)	3612 008U1000	3612 008A1000	3612 0081000
White	305 m (1000 ft)	3612 009U1000	3612 009A1000	3612 0091000
Black	305 m (1000 ft)	Available	3612 010A1000	3612 0101000
Yellow	762 m (2500 ft)	*	*	3612 0042500
Blue	762 m (2500 ft)	*	*	3612 0062500
White	762 m (2500 ft)	*	*	3612 0092500

\*Not Available

### DataTwist 3600 UTP Cable, Nonbonded-Pair, 4-pair, 23 AWG, CMR

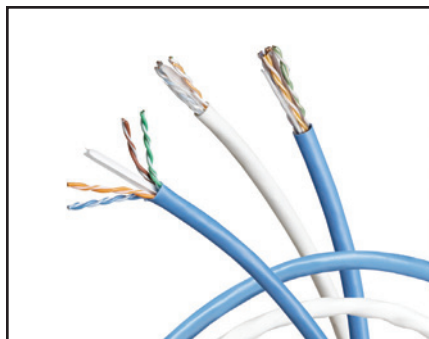
Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Red	305 m (1000 ft)	Available	3613 002A1000	Available
Orange	305 m (1000 ft)	3613 003U1000	3613 003A1000	3613 0031000
Yellow	305 m (1000 ft)	3613 004U1000	3613 004A1000	3613 0041000
Green	305 m (1000 ft)	3613 005U1000	3613 005A1000	3613 0051000
Blue	305 m (1000 ft)	3613 D15U1000	3613 D15A1000	3613 D151000
Purple	305 m (1000 ft)	3613 007U1000	3613 007A1000	Available
Gray	305 m (1000 ft)	3613 008U1000	3613 008A1000	3613 0081000
White	305 m (1000 ft)	3613 009U1000	3613 009A1000	3613 0091000
Black	305 m (1000 ft)	Available	3613 010A1000	3613 0101000
Pink	305 m (1000 ft)	Available	3613 012A1000	Available
Yellow	762 m (2500 ft)	*	*	3613 0042500
Green	762 m (2500 ft)	*	*	3613 0052500
Blue	762 m (2500 ft)	*	*	3613 D152500
White	762 m (2500 ft)	*	*	3613 0092500
Black	762 m (2500 ft)	*	*	3613 0102500

\*Not Available

### DataTwist 3600, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Blue	305 m (1000 ft)	*	3624 006A1000	Available
Purple	305 m (1000 ft)	*	3624 007A1000	Available
White	305 m (1000 ft)	*	3624 009A1000	Available

\*Not Available



DataTwist 3600 Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

## DataTwist 3600 Cable, Category 6 (continued) Nonbonded-Pair and Bonded-Pair

### DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Orange	305 m (1000 ft)	Available	3632 003A1000	Available
Yellow	305 m (1000 ft)	Available	3632 004A1000	3632 0041000
Green	305 m (1000 ft)	Available	3632 005A1000	3632 0051000
Blue	305 m (1000 ft)	3632 006U1000	3632 006A1000	3632 0061000
Gray	305 m (1000 ft)	3632 008U1000	3632 008A1000	3632 0081000
White	305 m (1000 ft)	3632 009U1000	3632 009A1000	3632 0091000
Black	305 m (1000 ft)	Available	3632 010A1000	3632 0101000

### DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Red	305 m (1000 ft)	Available	3633 002A1000	3633 0021000
Orange	305 m (1000 ft)	Available	3633 003A1000	3633 0031000
Yellow	305 m (1000 ft)	Available	3633 004A1000	3633 0041000
Green	305 m (1000 ft)	Available	3633 005A1000	3633 0051000
Blue	305 m (1000 ft)	3633 D15U1000	3633 D15A1000	3633 D151000
Gray	305 m (1000 ft)	3633 008U1000	3633 008A1000	3633 0081000
White	305 m (1000 ft)	3633 009U1000	3633 009A1000	3633 0091000
Black	305 m (1000 ft)	Available	3633 010A1000	3633 0101000

### DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Blue	305 m (1000 ft)	*	Available	3644 0061000
Purple	305 m (1000 ft)	*	Available	3644 0071000

\*Not Available

Faster.  
Easier.  
Better.

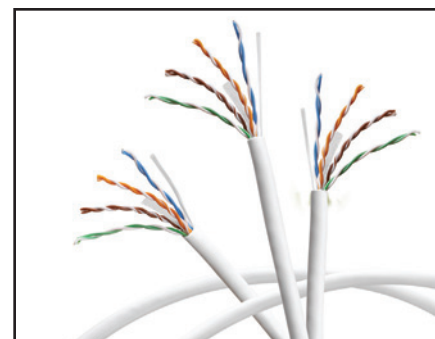


## DataTwist 2400 Cable, Category 6

### Nonbonded-Pair

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

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)



DataTwist 2400 Cable

### DataTwist 2400 UTP Cable, Nonbonded-Pair, 4-pair, 23 AWG, CMR

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Red	305 m (1000 ft)	Available	2412 002A1000	Available
Orange	305 m (1000 ft)	2412 003U1000	2412 003A1000	Available
Yellow	305 m (1000 ft)	2412 004U1000	2412 004A1000	2412 0041000
Green	305 m (1000 ft)	2412 005U1000	2412 005A1000	2412 0051000
Blue	305 m (1000 ft)	2412 006U1000	2412 006A1000	2412 0061000
Purple	305 m (1000 ft)	2412 007U1000	2412 007A1000	Available
Gray	305 m (1000 ft)	2412 008U1000	2412 008A1000	2412 0081000
White	305 m (1000 ft)	2412 009U1000	2412 009A1000	2412 0091000
Black	305 m (1000 ft)	2412 010U1000	2412 010A1000	2412 0101000
Yellow	762 m (2500 ft)	*	*	2412 0042500
Blue	762 m (2500 ft)	*	*	2412 0062500
White	762 m (2500 ft)	*	*	2412 0092500

\*Not Available

### DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMP

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Red	305 m (1000 ft)	Available	2413 002A1000	Available
Orange	305 m (1000 ft)	2413 003U1000	2413 003A1000	2413 0031000
Yellow	305 m (1000 ft)	2413 004U1000	2413 004A1000	2413 0041000
Green	305 m (1000 ft)	2413 005U1000	2413 005A1000	2413 0051000
Blue	305 m (1000 ft)	2413 D15U1000	2413 D15A1000	2413 D151000
Purple	305 m (1000 ft)	2413 007U1000	2413 007A1000	Available
Gray	305 m (1000 ft)	2413 008U1000	2413 008A1000	2413 0081000
White	305 m (1000 ft)	2413 009U1000	2413 009A1000	2413 0091000
Black	305 m (1000 ft)	2413 010U1000	2413 010A1000	2413 0101000
Pink	305 m (1000 ft)	Available	2413 012A1000	Available
Yellow	762 m (2500 ft)	*	*	2413 0042500
Green	762 m (2500 ft)	*	*	2413 0052500
Blue	762 m (2500 ft)	*	*	2413 D152500
White	762 m (2500 ft)	*	*	2413 0092500
Black	762 m (2500 ft)	*	*	2413 0102500

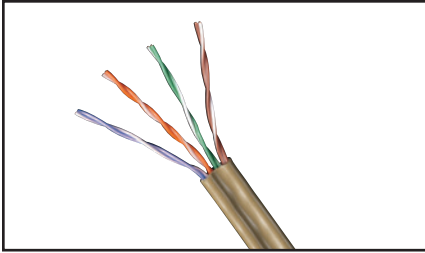
\*Not Available

### DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, LSZH

Description		Belden Part Number		
Color	Length	UnReel Box	Spool-in-Box	Spool
Blue	305 m (1000 ft)	*	Available	2424 0061000
Purple	305 m (1000 ft)	*	Available	2424 0071000
White	305 m (1000 ft)	*	Available	2424 0091000

\*Not Available





MediaTwist Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

## MediaTwist UTP Cable, Category 6

### Bonded-Pair

MediaTwist, part of the 2400 System, is engineered to exceed the ANSI/TIA/EIA-568-C.2 Category 6 requirements. The exceptional physical uniformity of MediaTwist translates into premier electrical performance benefits for users. 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 both before and after installation. This results in improved signal integrity and reduced signal radiation, making MediaTwist an excellent choice for your Category 6 cable.

### MediaTwist UTP Cable

Belden Part Number	Color	Length	Packaging
<b>MediaTwist, Bonded-Pair, 23 AWG, CMR, Category 6</b>			
1872A 002A1000	Red	305 m (1000 ft)	Spool-in-Box
1872A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
1872A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
1872A 005A1000	Green	305 m (1000 ft)	Spool-in-Box
1872A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box
1872A 007A1000	Purple	305 m (1000 ft)	Spool-in-Box
1872A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box
1872A 009A1000	White	305 m (1000 ft)	Spool-in-Box
1872A 010A1000	Black	305 m (1000 ft)	Spool-in-Box
1872A 0021000	Red	305 m (1000 ft)	Spool
1872A 0031000	Orange	305 m (1000 ft)	Spool
1872A 0041000	Yellow	305 m (1000 ft)	Spool
1872A 0051000	Green	305 m (1000 ft)	Spool
1872A 0061000	Blue	305 m (1000 ft)	Spool
1872A 0071000	Purple	305 m (1000 ft)	Spool
1872A F6H1000	Gray	305 m (1000 ft)	Spool
1872A 0091000	White	305 m (1000 ft)	Spool
1872A 0101000	Black	305 m (1000 ft)	Spool
<b>MediaTwist, Bonded-Pair, 23 AWG, CMP, Category 6</b>			
1874A 002A1000	Red	305 m (1000 ft)	Spool-in-Box
1874A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
1874A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
1874A 005A1000	Green	305 m (1000 ft)	Spool-in-Box
1874A D15A1000	Blue	305 m (1000 ft)	Spool-in-Box
1874A 007A1000	Purple	305 m (1000 ft)	Spool-in-Box
1874A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box
1874A 009A1000	White	305 m (1000 ft)	Spool-in-Box
1874A 010A1000	Black	305 m (1000 ft)	Spool-in-Box
1874A 877A1000	Natural	305 m (1000 ft)	Spool-in-Box
1874A 0021000	Red	305 m (1000 ft)	Spool
1874A 0031000	Orange	305 m (1000 ft)	Spool
1874A 0041000	Yellow	305 m (1000 ft)	Spool
1874A 0051000	Green	305 m (1000 ft)	Spool
1874A D151000	Blue	305 m (1000 ft)	Spool
1874A 0071000	Purple	305 m (1000 ft)	Spool
1874A F6H1000	Gray	305 m (1000 ft)	Spool
1874A 0091000	White	305 m (1000 ft)	Spool
1874A 0101000	Black	305 m (1000 ft)	Spool
1874A 8771000	Natural	305 m (1000 ft)	Spool

Faster.  
Easier.  
Better.



CAT6+ UTP Field-Terminated System

## KeyConnect Patch Panels, Category 6

### Preloaded and Modular

The KeyConnect Patch Panel Series is a comprehensive line of robust all-metal, preloaded and modular patch panels. The series provides a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. The preloaded KeyConnect Patch Panels are available in 24-port/1U and 48-port/2U configurations with CAT6+ KeyConnect Modular Jacks. The -SCM option has shorter cable management brackets. The modular KeyConnect Patch Panels are available in 24-port/1U, 48-port/1U, 48-port/2U, 72-port/2U, and 96-port/3U configurations.

The KeyConnect Patch Panel series also includes the unique AngleFlex Patch Panel available in 24-port/1U and 48-port/2U configurations. Patent-pending removable angled inserts provide intuitive left, right or bi-directional patch cord routing and more efficient switch connection. Angled inserts eliminate the need for horizontal cable management, for a 27% space savings per rack.

The KeyConnect Front Access Patch Panels are available in 24-port/1U, 48-port/2U, and 72-port/2U configurations and are designed for applications where space is limited behind the panel.

### CAT6+ Patch Panels

Description	Belden Part Number
<b>CAT6+ HD Patch Panels (Preloaded)</b>	
CAT6+ HD-110 Patch Panel, 24-port, 1U, Black (Preloaded)	AX105520
CAT6+ HD-110 Patch Panel, 48-port, 2U, Black (Preloaded)	AX105521
<b>CAT6+ KeyConnect Patch Panels (Preloaded)</b>	
CAT6+ KeyConnect Patch Panels, 24-port, 1U, Black (Preloaded)	AX103253
CAT6+ KeyConnect Patch Panels, 24-port, 1U, Black, Short Cable Management (Preloaded)	AX103253-SCM
CAT6+ KeyConnect Patch Panels, 48-port, 2U, Black (Preloaded)	AX103255
CAT6+ KeyConnect Patch Panels, 48-port, 2U, Black, Short Cable Management (Preloaded)	AX103255-SCM
<b>CAT6+ Ultra High Density Patch Panel (Preloaded)</b>	
CAT6+ Ultra High-Density Patch Panel, 48-port, 1U, Black (Preloaded)	AX103263
<b>CAT6+ KeyConnect Angled Patch Panel (Preloaded)</b>	
CAT6+ KeyConnect Angled Patch Panel, 24-port, 1U, Black (Preloaded)	AX105360
CAT6+ KeyConnect Angled Patch Panel, 48-port, 2U, Black (Preloaded)	AX105361
CAT6+ KeyConnect Angled Patch Panel, 48-port, 1U, Black (Preloaded)	AX105362

### KeyConnect Modular Patch Panels

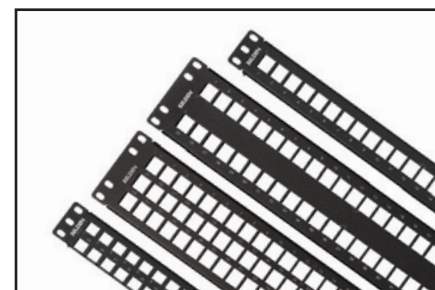
Description	Belden Part Number
<b>KeyConnect Patch Panels (Empty)</b>	
KeyConnect Modular Patch Panel, 24-port, 1U, Black (Empty)	AX103114
KeyConnect Modular Patch Panel, 48-port, 1U, Black (Empty)	AX103121
KeyConnect Modular Patch Panel, 48-port, 2U, Black (Empty)	AX103115
KeyConnect Modular Patch Panel,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

### KeyConnect Front Access Patch Panels

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



CAT6+ KeyConnect Patch Panels (Preloaded)



KeyConnect Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels



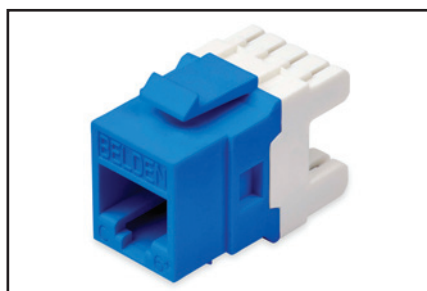
CAT6+ HD Patch Panel



REVConnect Jack Housings available in 19 colors



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



AX104193, KeyConnect Jack

## CAT6+ Modular Jacks

REVConnect, KeyConnect and MDVO-Style

The CAT6+ Modular Jack is available in two termination styles: standard punch down, available in both the KeyConnect and MDVO styles, and our proprietary, revolutionary style of the REVConnect system. CAT6+ Modular Jacks are designed to be used within the Belden 4800, 3600 and 2400 Systems. The Beyond Category 6 performance exceeds all parameters specified in the Category 6 standard. All performance characteristics have been set to guarantee transmission performance up to 300 MHz and a data-rate of up to 4.8 Gb/s.

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. The MDVO-Style 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.

## CAT6+ Modular Jacks

Color	Belden Part Number				
	REVConnect Jacks		Punch Down Jacks		
	Single Pack	Bulk Pack (24 Connectors)	KeyConnect-Style	Bulk Pack (24 Connectors)	MDVO-Style
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

Icons and dust caps for jacks available on page 64

\* MDVO-style jack is white

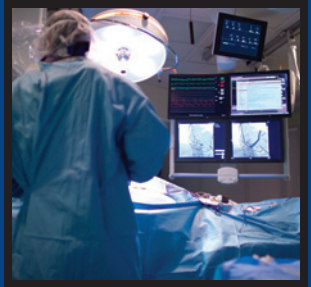
## REVConnect Tools and Accessories

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

## CAT6+ Module, Category 6A - Replacement T-Bars

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

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## CAT6+ Traceable Patch Cords

### Bonded-Pair Patch Cords



CAT6+ UTP Field-Terminated System

### Unique Features

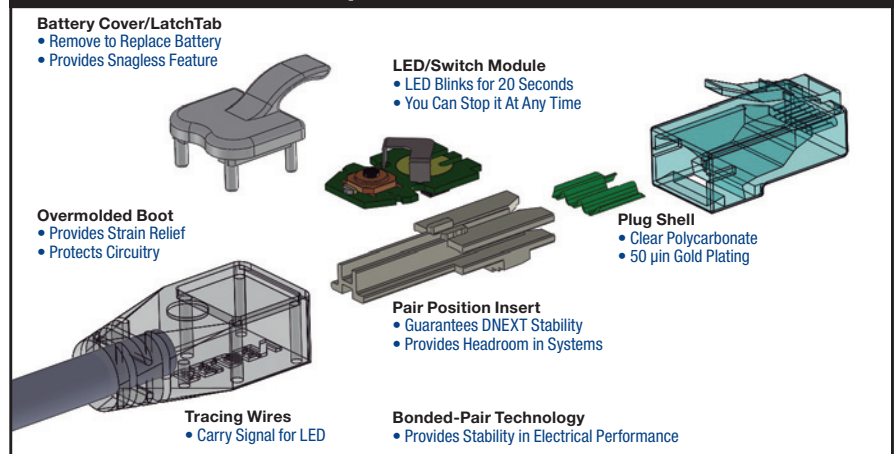
Belden Traceable Bonded-Pair Patch Cords have several unique features that make them an exceptional alternative to other patch cords on the market. They feature a highly-efficient and bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, 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.

### Key Specifications

- Available in 10GX and CAT6+ for end-to-end Belden 10GX, 4800, 3600 and 2400 systems
- Exceptionally bright, efficient LED light for easy identification in both bright and dark environments
- Belden Bonded-Pair technology for extra robustness, performance and reliability
- Bar code tagging on each end of the cord compatible with DCIM systems

- Low-profile plug boot supports ultra-high density 48-port 1U patch panels
- 100% factory tested and certified for Category 6A and Category 6
- Replaceable battery with 7-year life expectancy or 1,000 activations
- Available in a variety of colors and sizes, with custom lengths available to 250 feet
- Backed by superior support and a Belden 25-year Certified System Warranty

### Traceable Patch Cord Components



### CAT6+ Traceable Patch Cord, Bonded-Pair, 4-Pair, 24 AWG Solid, T568A/B-T568A/B, CMR

Description	Belden Part Number							
	Red	Orange	Yellow	Green	Blue	Gray	White	Black
2 ft (0.6 m)	C6T1102002	C6T1103002	C6T1104002	C6T1105002	C6T1106002	C6T1108002	C6T1109002	C6T1100002
4 ft (1.2 m)	C6T1102004	C6T1103004	C6T1104004	C6T1105004	C6T1106004	C6T1108004	C6T1109004	C6T1100004
7 ft (2.1 m)	C6T1102007	C6T1103007	C6T1104007	C6T1105007	C6T1106007	C6T1108007	C6T1109007	C6T1100007
10 ft (3.0 m)	C6T1102010	C6T1103010	C6T1104010	C6T1105010	C6T1106010	C6T1108010	C6T1109010	C6T1100010
15 ft (4.6 m)	C6T1102015	C6T1103015	C6T1104015	C6T1105015	C6T1106015	C6T1108015	C6T1109015	C6T1100015
25 ft (7.6 m)	C6T1102025	C6T1103025	C6T1104025	C6T1105025	C6T1106025	C6T1108025	C6T1109025	C6T1100025

Custom lengths available up to 250-ft



## CAT6+ Modular Cords

### Bonded-Pair Patch Cords and Nonbonded-Pair Pigtails



CAT6+ Bonded-Pair Patch Cord

The CAT6+ Series of Bonded-Pair Patch Cords are made with Belden's patented robust design Bonded-Pair cables. These modular cords 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 label on each cord for easier product identification and length sorting

#### Benefits

- Exceeds TIA and ISO transmission and mechanical performance requirements
- Ordering code scheme to customize Bonded-Pair Patch Cord and Pigtail configurations

## CAT6+ Modular Cords

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
<b>CAT6+ Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR</b>						
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	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

CMP CAT6+ patch cords also available

<b>CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMR</b>						
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	—	—	C631206xxx	C631208xxx	C631209xxx	—

<b>CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMR</b>						
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	—	—	C631306xxx	C631308xxx	C631309xxx	—

<b>CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMP</b>						
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	—	—	C632206xxx	C632208xxx	C632209xxx	—

<b>CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMP</b>						
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	—	—	C632306xxx	C632308xxx	C632309xxx	—

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

All pigtails also available in Bonded-Pair

To create a part number for any Modular Cord, please refer to page 14 for the Modular Cord Configuration Matrices.

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## 3600 Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels

Belden's 3600 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. Bringing a new level of ease and convenience to cabling system design, ordering and installation, the system allows users to deploy their high-performance cabling networks with optimal speed and efficiency.

Proven modular components are the cornerstone of the system. These include the 3600 Pre-Terminated Cable Assemblies and the CAT6+ 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; and the patent-pending plug management bar design which allows for very good control of the internal plug NEXT and superior plug/jack mated-pair performance.

With simple planning, easy ordering and rapid delivery, the 3600 Pre-Terminated Cabling System can reduce installation time and labor costs by as much as 90 percent. In addition, this "green" system provides for plug-and-play installation and component reusability, resulting in lower installed cost and less waste.



3600 Pre-Terminated Cable Assembly

### 3600 Pre-Terminated Cabling System

Description	Belden Part Number	
	6-Cable	8-Cable
<b>3600 Pre-Terminated Cable Assembly, Bonded-Pair, 4-pair, 23 AWG Solid, T568A/B-T568A/B</b>		
CMR, Black	C601100xxxA06	C601100xxxA08
CMR, Blue	C601106xxxA06	C601106xxxA08
CMR, White	C601109xxxA06	C601109xxxA08
CMP, Black	C602100xxxA06	C602100xxxA08
CMP, Blue	C602106xxxA06	C602106xxxA08
CMP, White	C602109xxxA06	C602109xxxA08

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



CAT6+ RJ45 Coupler

### CAT6+ KeyConnect Patch Panels

Description	Belden Part Number
<b>CAT6+ KeyConnect Coupler Patch Panels (Preloaded)</b>	
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
<b>CAT6+ KeyConnect Angled Coupler Patch Panels (Preloaded)</b>	
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
<b>CAT6+ KeyConnect Vertical Mount Patch Panels (Preloaded)</b>	
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 & XZUK02 brackets



CAT6+ KeyConnect Coupler Patch Panel (Preloaded)

### CAT6+ KeyConnect RJ45 Coupler

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 Cords, see page 32 for ordering information.

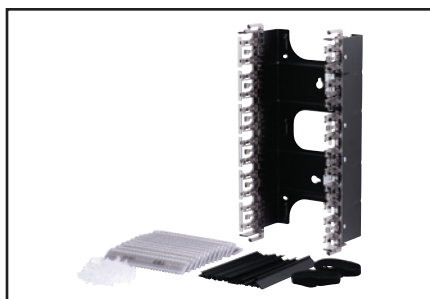


KeyConnect AngleFlex Patch Panels

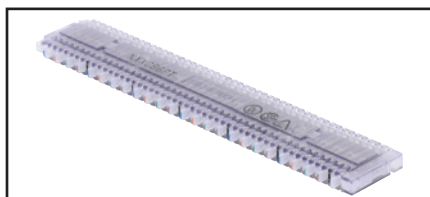
CAT6+ UTP IDC System

## GigaBIX IDC System, Category 6

Kits, Components, Patch Cords and Accessories



GigaBIX Termination Kit, 72-port



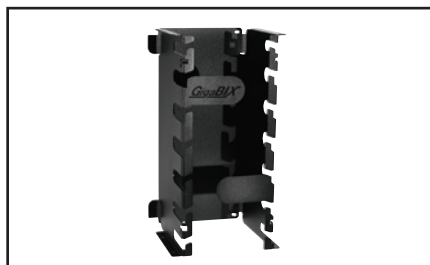
GigaBIX Connector, 6-port



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



GigaBIX Cable Management Module



GigaBIX 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 optimal 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.

### GigaBIX IDC System

Description	Belden Part Number
<b>GigaBIX Termination Kits</b>	
GigaBIX Termination Kit, 72-port	AX101470
GigaBIX Termination Kit, 300-pair	AX101471
GigaBIX Rack Mount Termination Kit, 48-port	AX101985
<b>GigaBIX Connecting Components</b>	
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
<b>GigaBIX Cable Management Accessories</b>	
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/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
<b>GigaBIX Frames and Accessories</b>	
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
<b>Cross-Connect Wire</b>	
GigaBIX 4-pair XC Wire, Spool-in-a-Box	XCGB4 000A1000
GigaBIX 4-pair XC Wire, Reel	XCGB4 000I000

### CAT6+ GigaBIX Patch Cords

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

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## DataTwist 2400 Shielded Cable, Category 6

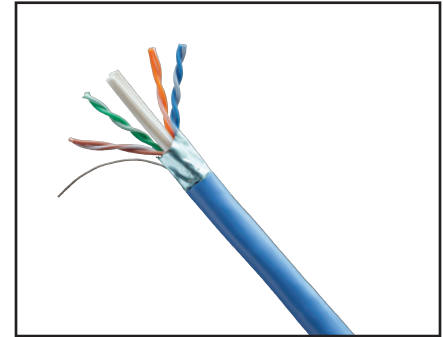
### Nonbonded-Pair

DataTwist 2400 Shielded Cable consists of 4-pair F/UTP cables that exceed Category 6 requirements as per ANSI/TIA/EIA-568-C.2. When used as the horizontal cable in the Belden 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.

### DataTwist 2400 Shielded Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6, F/UTP</b>			
2412F 0021000	Red	305 m (1000 ft)	Spool
2412F 0031000	Orange	305 m (1000 ft)	Spool
2412F 0041000	Yellow	305 m (1000 ft)	Spool
2412F 0051000	Green	305 m (1000 ft)	Spool
2412F 0061000	Blue	305 m (1000 ft)	Spool
2412F 0081000	Gray	305 m (1000 ft)	Spool
2412F 0091000	White	305 m (1000 ft)	Spool
2412F 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6, F/UTP</b>			
2413F 0021000	Red	305 m (1000 ft)	Spool
2413F 0031000	Orange	305 m (1000 ft)	Spool
2413F 0041000	Yellow	305 m (1000 ft)	Spool
2413F 0051000	Green	305 m (1000 ft)	Spool
2413F D151000	Blue	305 m (1000 ft)	Spool
2413F 0081000	Gray	305 m (1000 ft)	Spool
2413F 0091000	White	305 m (1000 ft)	Spool
2413F 0101000	Black	305 m (1000 ft)	Spool



DataTwist 2400 Shielded Cable

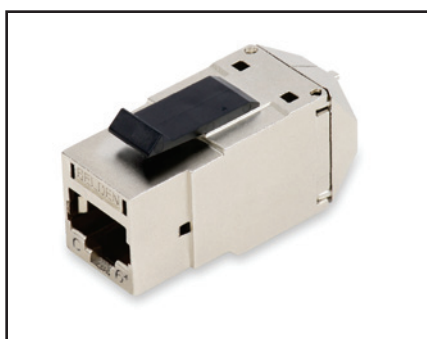
 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)



## CAT6+ Shielded Patch Panels and Shielded Modular Jacks REVConnect and KeyConnect



Shielded Modular Patch Panel (Empty)



CAT6+ Shielded REVConnect Modular Jack



CAT6+ Shielded KeyConnect Modular Jack

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. The modular KeyConnect Patch Panels are available in 24-port/1U and 48-port/2U and are complete with a ground wire and cable management brackets to guarantee shielding integrity (per TIA-607-B) and neat cable dressing. The KeyConnect Shielded Patch Panels can be configured using 10GX Shielded Modular Jacks, including both REVConnect and KeyConnect designs.

The CAT6+ REVConnect module is a rugged, easy-to-install connector designed to be used within the Belden 2400 Shielded System. Its rear

metal clips ensure a 360-degree bond when the doors are closed. The KeyConnect version is a tool-less connector. Its 2-piece die-cast housing and its shielding lug provide a reliable shield and full bonding to the cable foil.

The excellent CAT6+ performance from both connector styles exceeds all parameters specified in the TIA Category 6 standard. Their performance characteristics including ANEXT, NEXT, FEXT, Insertion Loss and Return Loss have been set to guarantee transmission performance up to 250 MHz with a 10 dB margin on PSANEXT and PSAACRF. Their keystone footprints make them compatible with KeyConnect Shielded Patch Panels and with KeyConnect and MediaFlex Workstation Outlets.

### 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

### 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

### 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

### Color-Coded Icon Kit - KeyConnect

Belden Part Number							
KeyConnect Color-coded Icon Kit for Shielded Jacks and Couplers (Pack of 12)							
Red	Orange	Yellow	Green	Blue	Purple	White	Black
AX104632-RD	AX104632-OR	AX104632-YE	AX104632-GN	AX104632-BL	AX104632-PR	AX104632-EW	AX104632-BK

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## CAT6+ Shielded Modular Cords

### Patch Cords and Pigtails

The CAT6+ Shielded Modular Cords are 4-pair 24 AWG F/UTP modular cords designed to be used within the Belden 2400 Shielded System. These modular cords offer the best combination of transmission performance and shielding integrity.

#### Features

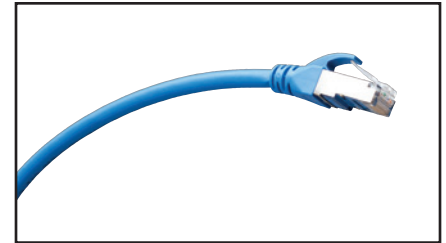
- Made with small diameter for greater flexibility and higher density installations
- Solid conductors 24 AWG improve attenuation and are needed in long patch cords and

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 label on each cord for easier product identification and length sorting

#### Benefits

- Exceeds TIA transmission and mechanical performance requirements
- Excellent shielding integrity per TIA-607-B



CAT6+ Shielded Modular Cord

## CAT6+ Modular Cords

Description	Belden Part Number			
	Blue	Gray	White	Black
<b>CAT6+ Shielded Modular Cords, 4-pair, 24 AWG Solid, T568A/B–T568A/B, CMR</b>				
2ft (0.6 m)	C6F1106002	C6F1108002	C6F1109002	C6F1100002
4ft (1.2 m)	C6F1106004	C6F1108004	C6F1109004	C6F1100004
7ft (2.1 m)	C6F1106007	C6F1108007	C6F1109007	C6F1100007
10ft (3.0 m)	C6F1106010	C6F1108010	C6F1109010	C6F1100010
15ft (4.6 m)	C6F1106015	C6F1108015	C6F1109015	C6F1100015
25ft (7.6 m)	C6F1106025	C6F1108025	C6F1109025	C6F1100025
<b>CAT6+ Shielded Pigtails, 4-pair, 24 AWG Solid, T568A–Open, CMR</b>				
15ft (4.6 m)	C6F1206015	C6F1208015	—	—
25ft (7.6 m)	C6F1206025	C6F1208025	—	—
35ft (10.6 m)	C6F1206035	C6F1208035	—	—
50ft (15.2 m)	C6F1206050	C6F1208050	—	—
<b>CAT6 Shielded Pigtails, 4-pair, 24 AWG Solid, T568B–Open, CMR</b>				
15ft (4.6 m)	C6F1306015	C6F1308015	—	—
25ft (7.6 m)	C6F1306025	C6F1308025	—	—
35ft (10.6 m)	C6F1306035	C6F1308035	—	—
50ft (15.2 m)	C6F1306050	C6F1308050	—	—

Additional lengths and colors may be available. Contact Customer Service for minimum order quantity information.

## SECTION THREE

# Category 5e Systems

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CAT5E Shielded Modular Cords	50



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.


Faster.  
Easier.  
Better.

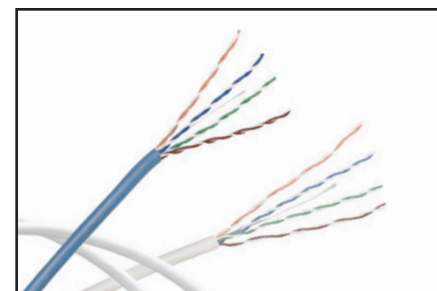


## DataTwist 1200 Cable, Category 5e

Nonbonded-Pair

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

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

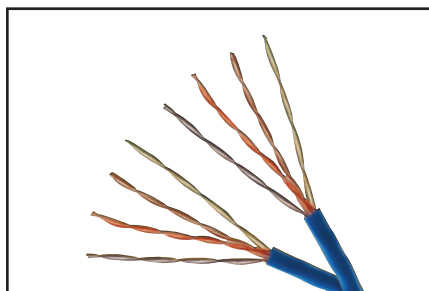


DataTwist 1200 UTP Cable

### DataTwist 1200 UTP Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e</b>			
1212 003U1000	Orange	305 m (1000 ft)	UnReel Box
1212 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1212 005U1000	Green	305 m (1000 ft)	UnReel Box
1212 006U1000	Blue	305 m (1000 ft)	UnReel Box
1212 008U1000	Gray	305 m (1000 ft)	UnReel Box
1212 009U1000	White	305 m (1000 ft)	UnReel Box
1212 010U1000	Black	305 m (1000 ft)	UnReel Box
1212 0061000	Blue	305 m (1000 ft)	Spool
1212 0091000	White	305 m (1000 ft)	Spool
1212 0062500	Blue	762 m (2500 ft)	Spool
<b>DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e</b>			
1213 003U1000	Orange	305 m (1000 ft)	UnReel Box
1213 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1213 005U1000	Green	305 m (1000 ft)	UnReel Box
1213 D15U1000	Blue	305 m (1000 ft)	UnReel Box
1213 007U1000	Purple	305 m (1000 ft)	UnReel Box
1213 008U1000	Gray	305 m (1000 ft)	UnReel Box
1213 009U1000	White	305 m (1000 ft)	UnReel Box
1213 010U1000	Black	305 m (1000 ft)	UnReel Box
1213 012U1000	Pink	305 m (1000 ft)	UnReel Box
1213 D151000	Blue	305 m (1000 ft)	Spool
1213 0091000	White	305 m (1000 ft)	Spool
1213 D152500	Blue	762 m (2500 ft)	Spool
1213 0092500	White	762 m (2500 ft)	Spool
<b>DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, LSZH, Category 5e</b>			
1224 007U1000	Purple	305 m (1000 ft)	UnReel Box





DataTwist 1200 Bonded-Pair

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

## DataTwist® 1200 Cable, Category 5e

Bonded-Pair (DT350)

DataTwist 1200 Bonded-Pair Enhanced Category 5e Cable provides the user with superior electrical performance both “on-the-reel” and in the wall. DataTwist 1200 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 ANSI/TIA/EIA-568-C.2 Category 5e performance criteria, both electrically and physically.

DataTwist 1200 Banana Peel® Enhanced Category 5e Cable is a patented design. This unique design 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 the relative bend radius.

### DataTwist 1200 (DT350) UTP Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 1200, Bonded-Pair, 4-pair, 24 AWG, CMR, Category 5e</b>			
1700A 002U1000	Red	305 m (1000 ft)	UnReel Box
1700A 003U1000	Orange	305 m (1000 ft)	UnReel Box
1700A 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1700A 005U1000	Green	305 m (1000 ft)	UnReel Box
1700A 006U1000	Blue	305 m (1000 ft)	UnReel Box
1700A B02U1000	Purple	305 m (1000 ft)	UnReel Box
1700A F2VU1000	Lt. Gray	305 m (1000 ft)	UnReel Box
1700A 008U1000	Gray	305 m (1000 ft)	UnReel Box
1700A 009U1000	White	305 m (1000 ft)	UnReel Box
1700A 010U1000	Black	305 m (1000 ft)	UnReel Box
1700A 0021000	Red	305 m (1000 ft)	Spool
1700A 0031000	Orange	305 m (1000 ft)	Spool
1700A 0041000	Yellow	305 m (1000 ft)	Spool
1700A 0051000	Green	305 m (1000 ft)	Spool
1700A 0061000	Blue	305 m (1000 ft)	Spool
1700A B021000	Purple	305 m (1000 ft)	Spool
1700A F2V1000	Lt. Gray	305 m (1000 ft)	Spool
1700A 0091000	White	305 m (1000 ft)	Spool
1700A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 1200, Bonded-Pair, 4-pair, 24 AWG, CMP, Category 5e</b>			
1701A 002U1000	Red	305 m (1000 ft)	UnReel Box
1701A 003U1000	Orange	305 m (1000 ft)	UnReel Box
1701A 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1701A 005U1000	Green	305 m (1000 ft)	UnReel Box
1701A D15U1000	Blue	305 m (1000 ft)	UnReel Box
1701A B02U1000	Purple	305 m (1000 ft)	UnReel Box
1701A 008U1000	Gray	305 m (1000 ft)	UnReel Box
1701A 009U1000	White	305 m (1000 ft)	UnReel Box
1701A 010U1000	Black	305 m (1000 ft)	UnReel Box
1701A 877U1000	Natural	305 m (1000 ft)	UnReel Box
1701A 0021000	Red	305 m (1000 ft)	Spool
1701A 0031000	Orange	305 m (1000 ft)	Spool
1701A 0041000	Yellow	305 m (1000 ft)	Spool
1701A 0051000	Green	305 m (1000 ft)	Spool
1701A D151000	Blue	305 m (1000 ft)	Spool
1701A B021000	Purple	305 m (1000 ft)	Spool
1701A 0091000	White	305 m (1000 ft)	Spool
1701A 0101000	Black	305 m (1000 ft)	Spool
1701A 8771000	Natural	305 m (1000 ft)	Spool
<b>DataTwist 1200, Bonded-Pair, Banana Peel, CMR, Enhanced Category 5e, 6-pack</b>			
1700S6 006500	Blue	152 m (500 ft)	Spool
1700S6 F2V500	Lt. Gray	152 m (500 ft)	Spool
1700S6 0061000	Blue	305 m (1000 ft)	Spool
1700S6 F2V1000	Lt. Gray	305 m (1000 ft)	Spool
<b>DataTwist 1200, Bonded-Pair, Banana Peel, CMP, Enhanced Category 5e, 6-pack</b>			
1701S6 D15500	Blue	152 m (500 ft)	Spool
1701S6 D151000	Blue	305 m (1000 ft)	Spool

Alternative colors, lengths and packaging are available, please contact Customer Service for more details.

Faster.  
Easier.  
Better.



## KeyConnect Patch Panels, Category 5e

### Preloaded and Modular

The CAT5E HD Patch Panels are robust and installer-friendly products by design, combining punch down connectors with standard modular jacks. The 12-port connector modules are available in both BIX and 110 Insulation Displacement Connection (IDC) options. CAT5E HD Patch Panels offer Category 5e performance and are designed to be used with the Belden 1200 System.

The KeyConnect Patch Panels are a comprehensive line of robust all-metal, preloaded and modular patch panels. The series provides a flexible, versatile and high-density termination

solution for Data Center and Telecommunications Room installations.

The modular KeyConnect Patch Panels are available in 24-port/1U, 48-port/2U, 72-port/2U and 48-port/1U configurations. Belden's unique KeyConnect AngleFlex Patch Panels are also available in 24-port/1U and 48-port/2U and offer better port-density and patch cord manageability.

The Flex Patch Panel series is available in 24-port/1U and 48-port/2U configurations, and is designed to be populated using MDVO-Style CAT6+ Modular Jacks or Multimedia Modules.

### CAT5E HD Patch Panels

Description	Belden Part Number
<b>CAT5E HD Patch Panels (Preloaded)</b>	
CAT5E HD-BIX Patch Panel, 24-port, 1U, Black (Preloaded)	AX103260
CAT5E HD-BIX Patch Panel, 48-port, 2U, Black (Preloaded)	AX103261
CAT5E HD-110 Patch Panel, 24-port, 1U, Black (Preloaded)	AX103258
CAT5E HD-110 Patch Panel, 48-port, 2U, Black (Preloaded)	AX103259
<b>CAT5E Ultra High-Density Patch Panel (Preloaded)</b>	
CAT5E Ultra High-Density Patch Panel, 48-port, 1U, Black (Preloaded)	AX103262
<b>CAT5E KeyConnect Patch Panels (Preloaded)</b>	
CAT5E KeyConnect Patch Panel, 24-port, 1U, Black (Preloaded)	AX104013
CAT5E KeyConnect Patch Panel, 48-port, 2U, Black (Preloaded)	AX104014
<b>CAT5E KeyConnect Angled Patch Panels (Preloaded)</b>	
CAT5E KeyConnect Angled Patch Panel, 24-port, 1U, Black (Preloaded)	AX105357
CAT5E KeyConnect Angled Patch Panel, 48-port, 2U, Black (Preloaded)	AX105358
CAT5E KeyConnect Angled Patch Panel, 48-port, 1U, Black (Preloaded)	AX105359

### KeyConnect Modular Patch Panels

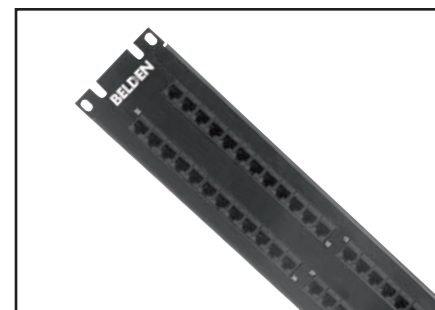
Description	Belden Part Number
<b>KeyConnect Modular Patch Panels (Empty)</b>	
KeyConnect Patch Panel, 24-port, 1U, Black (Empty)	AX103114
KeyConnect Patch Panel, 48-port, 2U, Black (Empty)	AX103115
KeyConnect Patch Panel, 72-port, 2U, Black (Empty)	AX103116
KeyConnect Patch Panel, 48-port, 1U, Black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

### KeyConnect Front Access Patch Panels

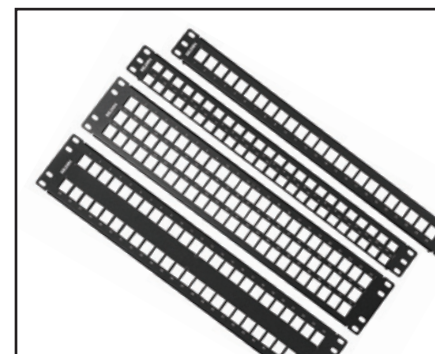
Description	Belden Part Number
<b>KeyConnect Front Access Patch Panels</b>	
KeyConnect Front Access Patch Panel, 24-port, 1U, Black	AX106288
KeyConnect Front Access Patch Panel, 48-port, 2U, Black	AX106289
KeyConnect Front Access Patch Panel, 72-port, 2U, Black	AX106290
Labeling Kit (12 strips and LabelFlex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

### Modular Patch Panels MDVO-Style

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



CAT5E HD Patch Panels



KeyConnect Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels



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

## Patch Panels, Category 5e (continued)

### HD Patch Boxes



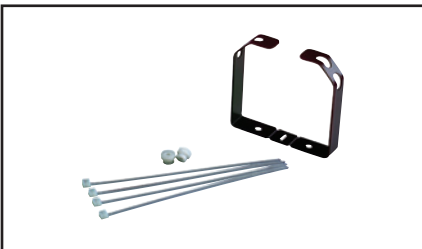
CAT5E HD Patch Box, Closed



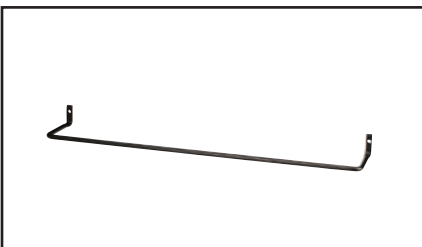
HD Patch Box, Open



MDVO Patch Box



Rear Cable Bracket Kit for HD-series Patch Panels



Cable Tie Bar for cable management (rack mounting)

The 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.

An MDVO Patch Box is also available that can be custom configured in the field using up to 12 MDVO-Style Modular Jacks or MDVO Multimedia Modules. Modules are ordered separately.

### CAT5E Patch Boxes

Description	Belden Part Number
<b>CAT5E HD and MDVO Patch Boxes</b>	
CAT5E HD-BIX Patch Box, 12-port, Black, T568A/B	AX100284
CAT5E HD-110 Patch Box, 12-port, Black, T568B/A	AX100491
MDVO Patch Box, 12-port, Black (Empty)	AX100282
<b>CAT5E HD Replacement Modules</b>	
CAT5E HD-BIX Replacement Module	AX100458
CAT5E HD-110 Replacement Module	AX100461
<b>Patch Panel Accessories</b>	
Label Holder for patch panel port ID, 3.1 inch long (79 mm), 100 units/pack	AX101095
Label Holder for patch panel port ID, 4.4 inch long (112 mm), 100 units/pack	AX101094
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
Cable Clip for Cable Tie Bar (6-cable), bag of 8 clips	AX105640-B8

Faster.  
Easier.  
Better.



CAT5E UTP Field-Terminated System

## CAT5E Modular Jacks

REVConnect, KeyConnect and MDVO-Style

The CAT5E Modular Jack is available in two termination styles: standard punch down, available in both the KeyConnect and MDVO styles, and our proprietary, revolutionary style of the REVConnect system. All three are designed to be used within the Belden 1200 System. The Category 5e performance exceeds all parameters specified in the Category 5e standard. All performance characteristics have been set to guarantee transmission performance up to 160 MHz and a data-rate of up to 1.2 Gb/s.

Both REVConnect and KeyConnect have a keystone footprint and are designed to be used with KeyConnect and AngleFlex Patch Panels and with KeyConnect and MediaFlex Workstation Outlets. The MDVO-Style 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.



REVConnect Jack Housings available in 19 colors

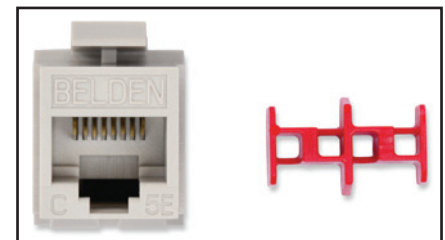
## CAT5E Modular Jacks

Color	Belden Part Number				
	REVConnect Jacks		Punch-Down Jack		
	Single Pack	Bulk Pack (24 Connectors)	KeyConnect-Style	Bulk Pack (24 Connectors)	MDVO-Style
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-style jack is white  
Icons and dust caps for jacks available on page 64



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



KeyConnect CAT5E Jack and T-Bar

## 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)	RVUC0EW-B50

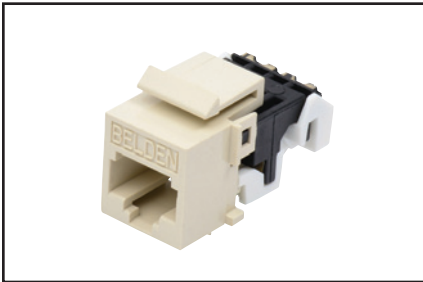
## CAT6+ Module, Category 6A - Replacement T-Bars

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





CAT5E EZ-MDVO Modular Jack, MDVO-Style



CAT5E EZ-MDVO Modular Jack, MDVO-Style

## CAT5E EZ-MDVO Modular Jacks

### KeyConnect and MDVO-Style

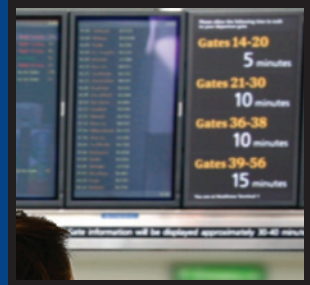
The EZ-MDVO Module is built with a patented lead frame design and encapsulated insulation displacement contacts, ensuring reliable connections and performance well above Category 5e standards. The EZ-MDVO module termination cap is what is so unique about this product. It allows for a simple and fast “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 the 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. The MDVO-Style 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 Modules—EZ-MDVO

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
<b>EZ-MDVO CAT5E Modular Jacks</b>		
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

Faster.  
Easier.  
Better.



## CAT5E Modular Cords

### Bonded-Pair Cords and Nonbonded-Pair Pigtails

The CAT5E Series of Patch Cords are made with Belden's patented robust design Bonded-Pair cables. These modular cords offer the best combination of transmission performance and physical integrity.

#### Features

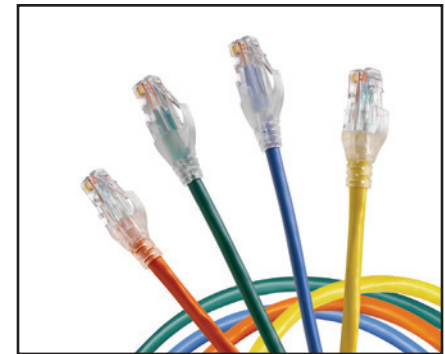
- Made with small diameter Bonded-Pair cable for greater flexibility and higher density installations
- Solid conductors improve attenuation and are needed in long patch cords and pigtails to

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 label on each cord for easier product identification and length sorting

#### Benefits

- Exceeds TIA and ISO transmission and mechanical performance requirements
- Ordering code scheme to customize Bonded-Pair Patch Cord and Pigtail configurations



CAT5E Patch Cords

## CAT5E Modular Cords

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
<b>CAT5E Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR</b>						
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	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

CMR CAT5E patch cords also available

<b>CAT5E Pigtails, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMR</b>						
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	—	—	C531206xxx	C531208xxx	C531209xxx	—

<b>CAT5E Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMR</b>						
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	—	—	C531306xxx	C531308xxx	C531309xxx	—

<b>CAT5E Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMP</b>						
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	—	—	C532206xxx	C532208xxx	C532209xxx	—

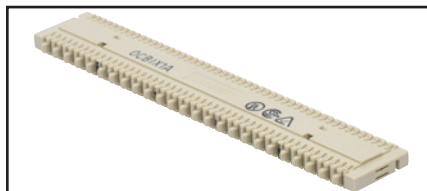
<b>CAT5E Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMP</b>						
15 ft (4.6 m)	—	—	C532306015	C532308015	C532309015	—
25 ft (7.6 m)	—	—	C532306025	C532308025	C532309025	—
35 ft (10.6 m)	—	—	C532306035	C532308035	C532309035	—
50 ft (15.2 m)	—	—	C532306050	C532308050	C532309050	—
xxx	—	—	C532306xxx	C532308xxx	C532309xxx	—

Use xxx to specify length in feet - 001-100 ft in increments of 1 ft - 105-295 ft in increments of 5 ft  
Pigtails are also available in Bonded-Pair

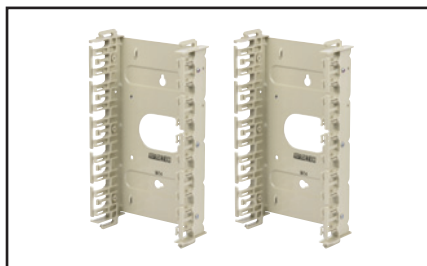
To create a part number for any Modular Cord, please refer to page 14 for the Modular Cord Configuration Matrices.

## BIX Cross-Connect System

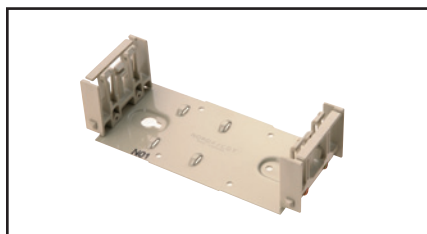
Components, Patch Cords, Wires and Accessories



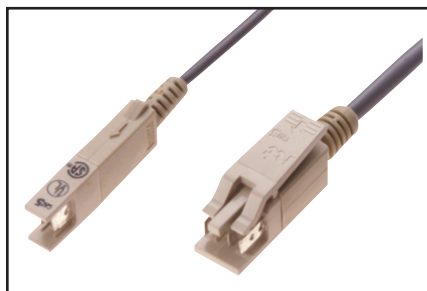
Distribution Connector



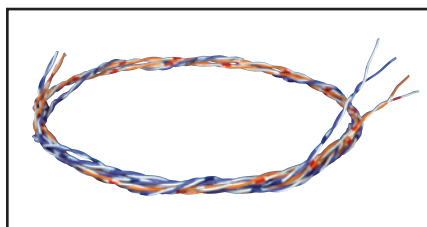
BIX Mount, 300-pair



BIX Mount, 50-pair



BIX Patch Cord, 1-Pair and 2-Pair



B-Plus Cross-Connect Wire

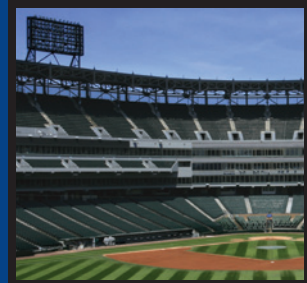
The Belden BIX Cross-Connect System takes advantage of the proven reliability of BIX technology to provide high-performance connections for voice and data networks. This uniquely designed system allows for very high termination density, while maintaining optimal ease of administration to accommodate 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		
<b>BIX Connectors</b>			
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 & 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		
<b>BIX Mounts and Accessories</b>			
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		
<b>BIX Patch Cords</b>			
	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 (page 34).			
<b>CAT5E GigaBIX Patch Cords, Gray</b>			
	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
<b>BIX Cross-Connect Wire</b>			
1-pair, Wh/Bl, 305 m (1000 ft), K-Carton	XCB1 D87K1000		
1-pair, Wh/Bl, 305 m (1000 ft), Spool (S77)	XCB1 D871000		
1-pair, Z XC Wire, Bl/Ye, 305 m (1000 ft)	XCZ1 E031000		
1-pair, Z XC Wire, Bl/Rd, 305 m (1000 ft)	XCZ1 D921000		
2-pair, Wh/Bl/Wh/Or, 305 m (1000 ft), K-Carton	XCB2 042K1000		
2-pair, Wh/Gr/Wh/Or, 305 m (1000 ft), K-Carton	XCB2 A5RK1000		
4-pair, Wh/Bl/Wh/Or/Wh/Gr/Wh/Br, 152 m (500 ft), K-Carton	XCB4 000K500		
<b>BIX Tools and Accessories</b>			
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		

Faster.  
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## 110 Cross-Connect System

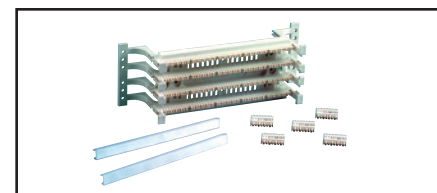
Kits, Components, Patch Cords, Wires and Accessories

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

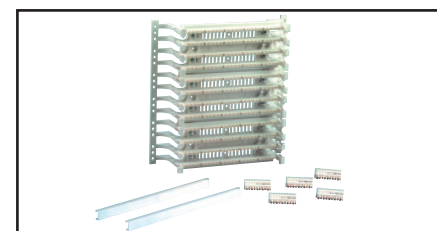
maintaining optimal ease of administration to accommodate MACs. The system allows for multiple mounting options of 4-pair and 5-Pair Connecting Blocks used in voice and data distribution systems.

### 110 Cross-Connect System

Description	Belden Part Number		
<b>110 Cross-Connect Kit</b>			
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		
<b>110 Cross-Connect Connecting Components</b>			
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		
<b>110 Cross-Connect Cable Management Accessories</b>			
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)
<b>110 Cross-Connect Patch Cords, Category 5e, 4-pair</b>			
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
<b>10 Patch Cords, 110-110, Category 5e</b>		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



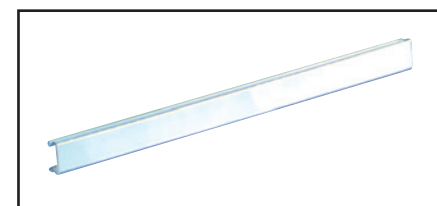
110 Cross-Connect Kit, 100-pair



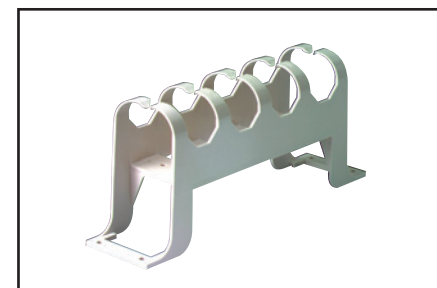
110 Cross-Connect Kit, 300-pair



110 Patch Cords, 110-110



110 Designation Strips



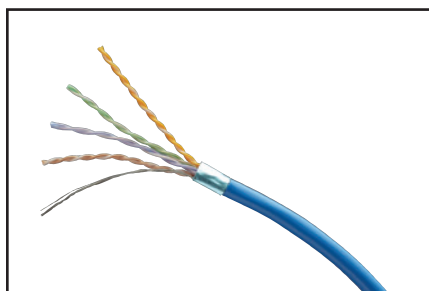
Cable Management Trough with Legs

CAT5E Shielded Field-Terminated System



## DataTwist 1200 Shielded Cable, Category 5e

### Nonbonded-Pair



Data Twist 1200 Shielded Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

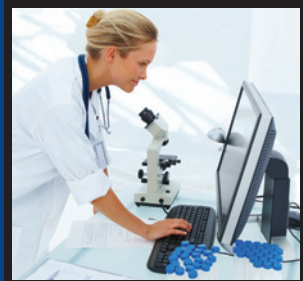
DataTwist 1200 Shielded Cable consists of 4-pair F/UTP cables that exceed the Category 5e requirements as per ANSI/TIA/EIA-568-C.2 Category 5e standard. When used as the horizontal cable in the Belden 1200

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.

### DataTwist 1200 Shielded Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e, F/UTP</b>			
1212F 002A1000	Red	305 m (1000 ft)	Spool-in-Box
1212F 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
1212F 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
1212F 005A1000	Green	305 m (1000 ft)	Spool-in-Box
1212F 006A1000	Blue	305 m (1000 ft)	Spool-in-Box
1212F 008A1000	Gray	305 m (1000 ft)	Spool-in-Box
1212F 009A1000	White	305 m (1000 ft)	Spool-in-Box
1212F 010A1000	Black	305 m (1000 ft)	Spool-in-Box
1212F 0021000	Red	305 m (1000 ft)	Spool
1212F 0031000	Orange	305 m (1000 ft)	Spool
1212F 0041000	Yellow	305 m (1000 ft)	Spool
1212F 0051000	Green	305 m (1000 ft)	Spool
1212F 0061000	Blue	305 m (1000 ft)	Spool
1212F 0081000	Gray	305 m (1000 ft)	Spool
1212F 0091000	White	305 m (1000 ft)	Spool
1212F 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e, F/UTP</b>			
1213F 002A1000	Red	305 m (1000 ft)	Spool-in-Box
1213F 003A1000	Orange	305 m (1000 ft)	Spool-in-Box
1213F 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box
1213F 005A1000	Green	305 m (1000 ft)	Spool-in-Box
1213F D15A1000	Blue	305 m (1000 ft)	Spool-in-Box
1213F 008A1000	Gray	305 m (1000 ft)	Spool-in-Box
1213F 009A1000	White	305 m (1000 ft)	Spool-in-Box
1213F 010A1000	Black	305 m (1000 ft)	Spool-in-Box
1213F 0021000	Red	305 m (1000 ft)	Spool
1213F 0031000	Orange	305 m (1000 ft)	Spool
1213F 0041000	Yellow	305 m (1000 ft)	Spool
1213F 0051000	Green	305 m (1000 ft)	Spool
1213F D151000	Blue	305 m (1000 ft)	Spool
1213F 0081000	Gray	305 m (1000 ft)	Spool
1213F 0091000	White	305 m (1000 ft)	Spool
1213F 0101000	Black	305 m (1000 ft)	Spool

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## CAT5E Shielded Patch Panels and Shielded Modular Jacks

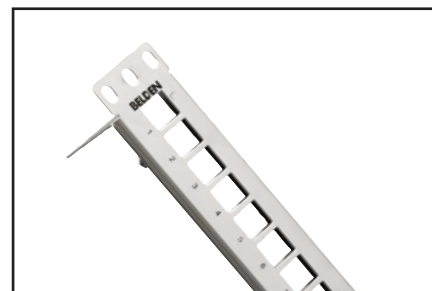
REVConnect and KeyConnect

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. The modular KeyConnect Patch Panels are available in 24-port/1U and 48-port/2U and are complete with a ground wire and cable management brackets to guarantee shielding integrity (per TIA-607-B) and neat cable dressing. The KeyConnect Shielded Patch Panels can be configured using 10GX Shielded Modular Jacks or any other KeyConnect modules.

The CAT5E REVConnect module is a rugged, easy-to-install connector designed to be used within the Belden 1200 Shielded System. Its

rear metal clips ensure a 360-degree bond when the doors are closed. The KeyConnect version is a tool-less connector. Its 2-piece die-cast housing and its shielding lug provide a reliable shield and full bonding to the cable foil.

The excellent CAT5E performance from both connector styles exceeds all parameters specified in the TIA Category 5e standard. Their performance characteristics including ANEXT, NEXT, FEXT, Insertion Loss and Return Loss have been set to guarantee transmission performance up to 160 MHz with a 10 dB margin on PSANEXT and PSAACRF. Their keystone footprints make them compatible with KeyConnect Shielded Patch Panels and with KeyConnect and MediaFlex Workstation Outlets.



Shielded Modular Patch Panel (Empty)



CAT5E Shielded REVConnect Modular Jack (Left)



CAT5E Shielded KeyConnect Modular Jack

### 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

### CAT5E Shielded Modular Jacks

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

### 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

### Color-Coded Icon Kit - KeyConnect

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

## CAT5E Shielded Modular Cords

### Patch Cords and Pigtails



CAT5E Shielded Modular Cord

The CAT5E Shielded Modular Cords are 4-pair 24 AWG F/UTP modular cords designed to be used within the Belden 1200 Shielded System. These modular cords offer the best combination of transmission performance and shielding integrity.

#### Features

- Made with small diameter for greater flexibility and higher density installations
- Solid conductors 24 AWG 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 label on each cord for easier product identification and length sorting

#### Benefits

- Exceeds TIA transmission and mechanical performance requirements
- Excellent shielding integrity per TIA-607-B

## CAT5E Shielded Modular Cords

Description	Belden Part Number			
	Blue	Gray	White	Black
<b>CAT5E Shielded Patch Cords, 4-pair, 24 AWG Solid, T568A/B - T568A/B, CMR</b>				
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
<b>CAT5E Shielded Pigtails, 4-pair, 24 AWG Solid, T568A - Open, CMR</b>				
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	—	—

Additional lengths and colors may be available. Contact Customer Service for minimum order quantity information.

## 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-Style 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 include 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.

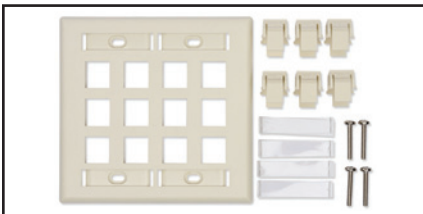
MDVO Outlet Systems include a wide range of flush and angled entry faceplates, surface adapter boxes, multimedia outlet boxes, multi-user outlet boxes and modular furniture adapters that accept MDVO-Style Modules to support diverse configurations of voice, data and multimedia applications.

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.

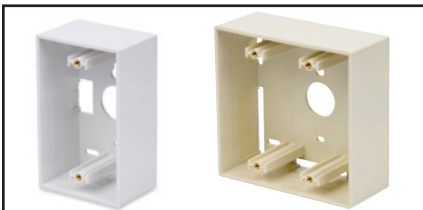




AX102655, KeyConnect Single-gang, 2-port Faceplate, Electrical White



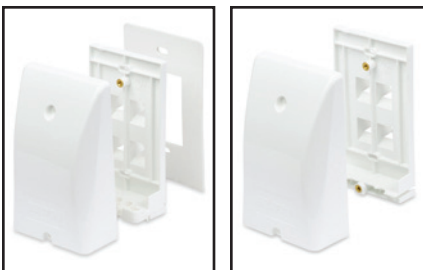
AX102256, KeyConnect Double-gang, 12-port Faceplate, Almond



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 with locking cover, patch cord seal and wall gasket



AX104688, KeyConnect Tamper-Resistant Faceplate with locking cover

## Workstation Outlets

### KeyConnect Faceplates

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.

### Features & Benefits:

- KeyConnect Faceplates are compatible with all KeyConnect jacks and multimedia modules

- KeyConnect Faceplates are available in almond and electrical white to suit any office decor
  - 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 in stainless steel finish for institutional applications
- KeyConnect Faceplates are available with mounting studs for wall-mount phone installation
  - Available in stainless steel and white plastic

## Faceplates

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
<b>KeyConnect Faceplates</b>				
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)

Description	Belden Part Number	
	With ID Window	Without ID Window
<b>KeyConnect Stainless Steel Faceplates</b>		
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
<b>KeyConnect Wall Mount Phone Plates</b>		
Stainless Steel, Recessed Port	AX104126	
Stainless Steel, Flush Port	AX102005	
Elec. White Plastic, Recessed Port	AX102902	

## KeyConnect Tamper-Resistant Faceplates

Belden offers two Tamper-Resistant Faceplates for various applications.

### Water Resistant Outlet

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

### Secure Outlet

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

## KeyConnect Tamper Resistant Faceplates

Description	Belden Part Number
	White
<b>Faceplate Kit, KeyConnect-Style</b>	
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

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## Workstation Outlets (continued)

### KeyConnect Adapters and 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.

#### Features & Benefits:

- KeyConnect Adapters available in Decora and 106 styles for use with standard electrical plates
- Available in Decora-style 2, 4 and 6-port and 106-style 2 and 4-port configurations for design flexibility
- KeyConnect Modular Furniture Adapters available in 3 and 4-port configurations for high-density workstation outlets in office furniture

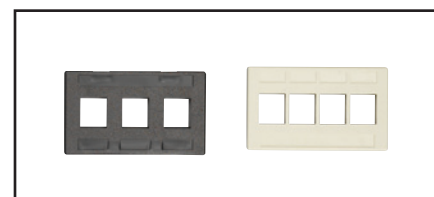
- KeyConnect Adapters available in almond, electrical white and black to match electrical plates and suit any office decor
- KeyConnect Boxes available in 1, 2, 4 and 6-port configurations for design flexibility
- KeyConnect Boxes equipped with port shutters to provide dust protection to UTP jacks
- 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

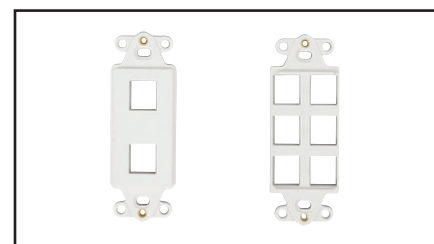
Description	Belden Part Number				
	Dark Gray	Gray	Almond	Elec. White	Black
<b>KeyConnect Adapters</b>					
Modular Furniture Adapter, 3-port	AX104457	AX107029	AX103925	AX102291	AX102292
Modular Furniture Adapter, 4-port	AX104459	AX107034	AX103926	AX102900	AX102901
Decora Adapter, Blank	AX106572-GY	—	AX106572-AL	AX106572-EW	AX106572-BK
Decora Adapter, 2-port	AX106573-GY	—	AX106573-AL	AX106573-EW	AX106573-BK
Decora Adapter, 3-port	AX106574-GY	—	AX106574-AL	AX106574-EW	AX106574-BK
Decora Adapter, 4-port	AX106575-GY	—	AX106575-AL	AX106575-EW	AX106575-BK
Decora 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
<b>KeyConnect Side-Entry Boxes, with Shutter Door ID Window</b>					
1-port	AX104458	AX107030	AX104132	AX102651	—
2-port	—	AX107031	AX104133	AX102652	—
4-port	—	AX107032	AX104134	AX102653	—
6-port	—	AX107033	AX104135	AX102654	—
<b>KeyConnect Side-Entry Boxes, without Shutter Door</b>					
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.

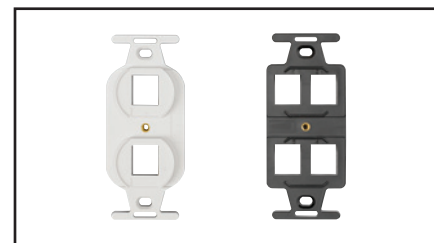
Blank Inserts included (50% of ports)



AX102292, KeyConnect Modular Furniture Adapters: 3-Port, Black and AX103926, 4-port, Almond



AX106573-EW, KeyConnect Decora Adapters: 2-Port, Electrical White and AX106576-EW, 6-port, Electrical White

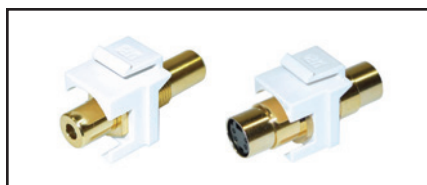


AX104121, KeyConnect 106 Adapters: 2-Port, Electrical White and AX104125, 4-port, Black

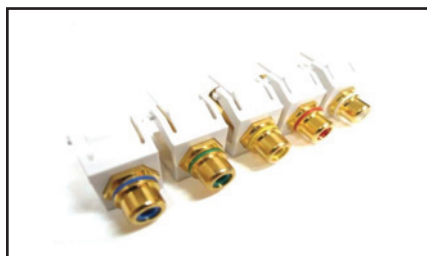


AX104134, KeyConnect Side Entry Boxes: 4-port, Electrical Almond

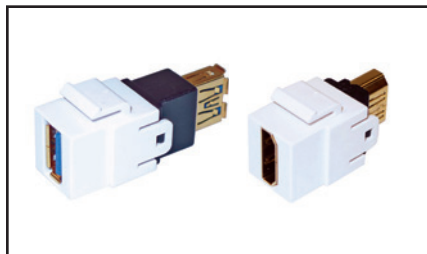
## Workstation Outlets (continued) KeyConnect Multimedia Modules



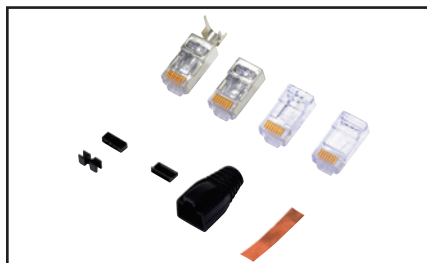
AX105334-EW, 3.5mm Audio Coupler  
AX105336-EW, S-video Coupler



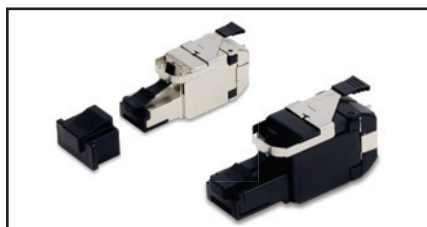
RCA Gold-plated Couplers - AX105341-EW, AX105340-EW,  
AX105339-EW, AX105337-EW, AX105338-EW



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



C6PFCU-B25, Field Crimpable Plugs



RVAFPSME-S1 STP REVConnect Plug  
RVAFPUBK-S1 UTP REVConnect Plug

### KeyConnect Multimedia Modules, Copper

Description	Belden Part Number			
	Dark Gray	Almond	Elec. White	Black
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

Description	Belden Part Number		
	Almond	Elec. White	Black
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 RJ-45 plugs outlined in the table above are not included in the 25-year Belden System Warranties. For qualifying plugs, please see pages 11 and 18.

### REVConnect Plugs and Accessories

Description	Part Number
Plug Test Adapter (Field Mount Plugs)	AX104552
STP REVConnect Plug	RVAFPSME-S1
STP REVConnect Plug 24-pack	RVAFPSME-B24
UTP REVConnect Plug	RVAFPUBK-S1
UTP REVConnect Plug 24-pack	RVAFPUBK-B24
Universal Termination Tool	RVAFPUBK-S1
Tool Blade Replacement Set	RVAFPUBK-B24
Tool Belt Clip	RVAFPSME-S1
Replacement Cable Prep Tool	RVAFPSME-B24
<b>REVConnect Spare Cores</b>	
Replacement Caps and Cable Managers (50 of each in pack)	RVUC0EW-B50

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## Workstation Outlets (continued)

### MediaFlex Faceplate Kits

The MediaFlex Faceplate Kits are offered for both KeyConnect and MDVO-Style modules. Our original line of MediaFlex features a smooth, rounded edge faceplate design.

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-style inserts, filler inserts, MDVO blank, labeling window covers, labeling paper and all necessary mounting screws.

### MediaFlex Faceplate Kits

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
<b>MediaFlex Faceplate Kit, KeyConnect-Style</b>				
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	-
<b>MediaFlex Faceplate Kit, MDVO-Style</b>				
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, Adapter Boxes

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 included in the package. This ring allows for easy mounting with virtually any industry electrical box or mud/adaptor rings, therefore providing added installation flexibility.

Each plate has the capacity of up to 6 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.

### MediaFlex Workstation Outlets

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

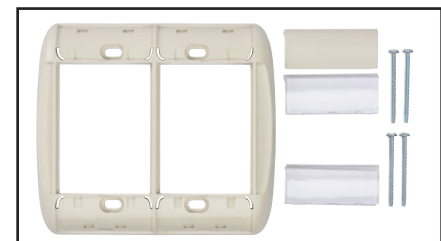
Contact Customer Service for other colors and configurations.



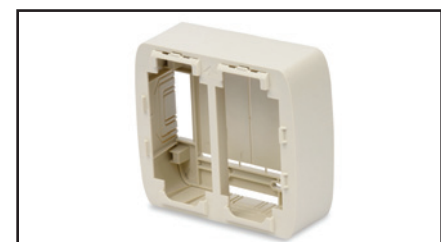
AX101779, MediaFlex Faceplate Kit, MDVO-Style, 2 port



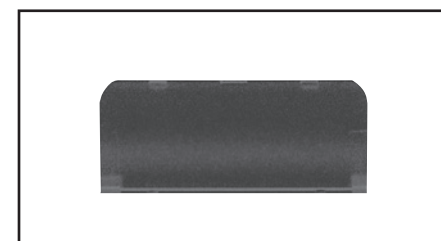
AX101785, MediaFlex Faceplate Kit, MDVO-Style, 4 port



AX101870, MediaFlex Plate, Double-gang



AX101874, MediaFlex Adapter Box, Double-gang



AX101777, Labeling Window Cover for MediaFlex Plates



## Workstation Outlets (continued)

### MediaFlex Angled Edge Faceplate Kits



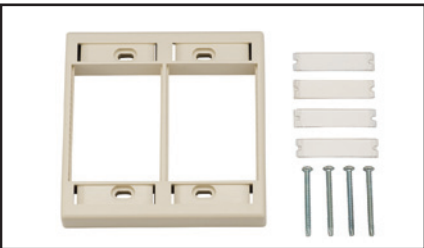
AX106631, MediaFlex Angled Edge Faceplate Kit, KeyConnect Style, 2-port Angled Insert

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

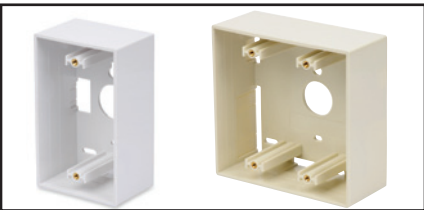
The MediaFlex Faceplate Kit for KeyConnect modules offers flexibility in configuring multimedia workstation outlets for current and future network needs. The front access design of the outlets offers easy installation and

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-style 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
<b>MediaFlex Angled Edge Faceplate Kit, KeyConnect-Style</b>				
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
<b>MediaFlex Angled Edge Faceplate Kit, MDVO-Style</b>				
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
<b>MediaFlex Angled Edge Faceplates</b>				
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
<b>Back Boxes</b>				
Single-gang	AX106682	AX104127	AX102657	AX106683
Double-gang	AX106684	AX104130	AX104131	AX106685

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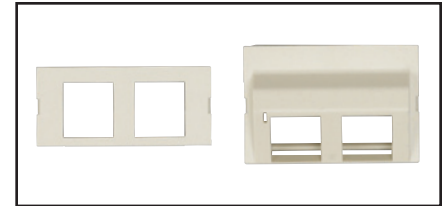
## Workstation Outlets (continued)

### MediaFlex 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 both Flush and Angled versions for KeyConnect-Style and MDVO-Style Modules. The inserts

are two units high for the flush version and three units high for the angled version. Therefore three flush inserts or two angled inserts are required to fully populate a Single-gang MediaFlex Plate.

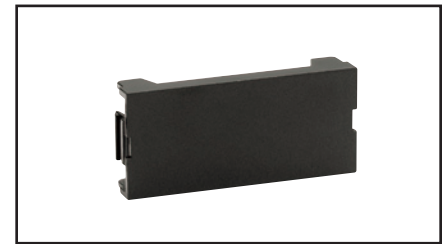
MediaFlex Filler Inserts are used to fill the unused spaces in low density workstation outlets. They are available in one unit and two unit sizes.



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

### MediaFlex Inserts

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
<b>MediaFlex Module Insert</b>		
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
<b>MediaFlex Filler Insert</b>		
	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



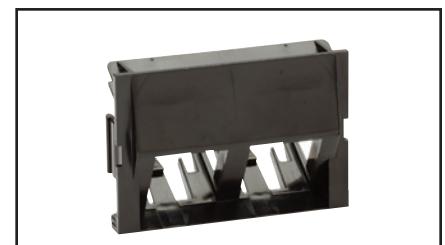
AX101764, MediaFlex Filler Insert, 2-unit



AX101760, MediaFlex Filler Insert, 1-unit



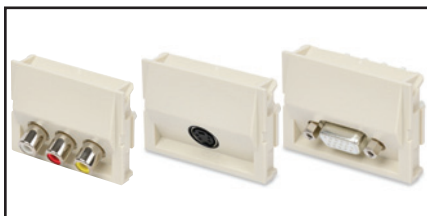
AX101752, MediaFlex Insert, 2-port, Flush, 2-unit



AX101756, MediaFlex MDVO-Style Insert, 2-port, Angled, 3-unit

## Workstation Outlets (continued)

### MediaFlex Inserts



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 Multi-mode Insert, Almond



AX101937, MediaFlex SC Duplex Single-mode Insert, White

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 in order to allow for proper management of cable bend radius. The inserts are three units high, therefore two inserts are required to fully populate a Single-gang faceplate and four inserts will fully populate a Double-gang faceplate.

### MediaFlex Inserts

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
<b>MediaFlex Multimedia Insert, Copper</b>				
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
<b>MediaFlex Multimedia Insert, Fiber</b>				
Duplex SC Multi-mode	AX101939	AX101940	AX101941	AX101942
Duplex SC Single-mode	AX101935	AX101936	AX101937	AX101938
SC/APC Simplex SM (Green Adapter)	-	AX105374-AL	AX105374-EW	AX105374-BK

Contact Customer Service for other colors and configurations.

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## Workstation Outlets (continued)

### Interface Plates, MDVO Faceplates

Interface Plates combine flexibility and ease of use in work area installations. They are designed to accept the EZ-MDVO and other MDVO-Style Modules, UTP modules as well as all the MDVO multimedia modules. The Interface Plates are available in Single-gang and can accept up to 6 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
<b>Interface Plate, Flush</b>	
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
<b>MDVO Faceplate Flush</b>	
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
<b>MDVO Angled Entry Faceplate</b>	
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)



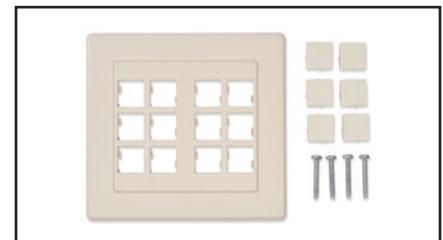
AX101431, Interface Plate, 2-port, shown here with modules



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



## Workstation Outlets (continued)

### Interface Surface Adapter Boxes, MDVO Adapters



AX101474, Interface/MDVO Surface Adapter Box

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 can be 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 electrical-

style faceplates also referred to as 106-type or duplex wall plates.

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

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



A0645271, MDVO Side Entry Box, shown here with modules

### Interface/MDVO Surface Adapter Box

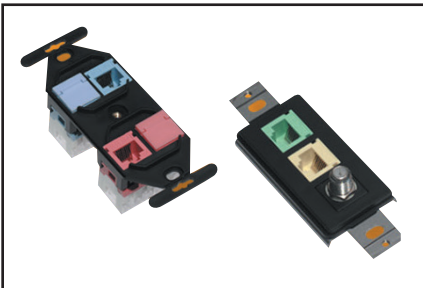
Description	Belden Part Number
<b>Single-gang</b>	
Interface/MDVO Surface Adapter Box, Single-gang, Gray	AX101474
Interface/MDVO Surface Adapter Box, Single-gang, Almond	AX101475
Interface/MDVO Surface Adapter Box, Single-gang, White	AX101476
Interface/MDVO Surface Adapter Box, Single-gang, Black	AX101477

Blank Inserts included (50% of ports)

### Interface/MDVO Side Entry Box

Description	Belden Part Number
<b>Single-gang</b>	
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)



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

A0409654, MDVO Deco Adapter, shown here with modules

### MDVO Adapters

Description	Belden Part Number
<b>106 Adapter, Deco Adapter, Furniture Adapter</b>	
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)



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

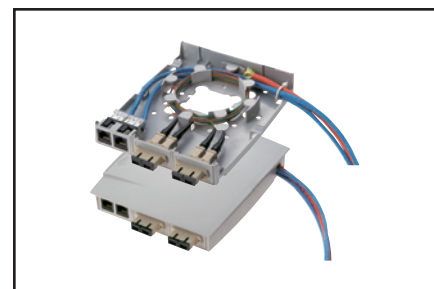
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## Workstation Outlets (continued) Multimedia Outlet Boxes and Modules

The MDVO Multimedia Outlet Box brings unique versatility for 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 EZ-MDVO, MDVO-Style Jacks or MDVO Multimedia Modules or three SC Duplex adapters. The MDVO Multimedia Outlet Box can be mounted directly on the wall or attached to standard electrical boxes. Included with the MDVO Multimedia box are three SC Duplex Mounting bezels and three MDVO Adapters.

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

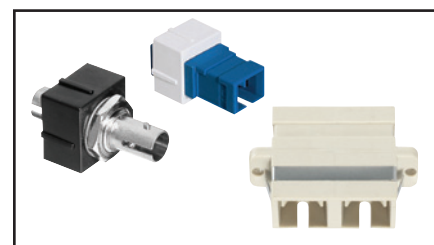


A0643206, MDVO Multimedia Outlet Box, shown here as terminated

### Multimedia Outlet Boxes and Modules

Description	Belden Part Number	
	KeyConnect-style	MDVO-Style
<b>Multimedia Outlet Boxes</b>		
MDVO Multimedia Outlet Box, 6-port, Gray	AX107293	A0643205
MDVO Multimedia Outlet Box, 6-port, Almond	AX107294	A0643206
MDVO Multimedia Outlet Box, 6-port, White	AX107295	A0643207
MDVO Multimedia Outlet Box, 6-port, Black	AX107296	A0643208

Blank Inserts included (50% of ports)



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

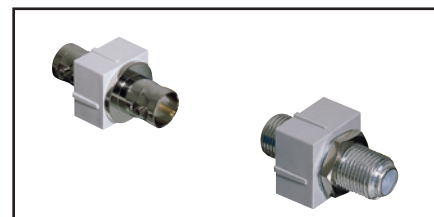
### MDVO-Style Modules

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
<b>MDVO-Style Multimedia Modules, Fiber</b>				
LC Duplex Multi-mode	AX102209	AX102210	AX102211	AX102212
LC Duplex Single-mode	AX102213	AX102214	AX102215	AX102216
SC Simplex, Multi-mode	A0407003	A0407004	A0407005	A0407006
ST Compatible, Multi-mode	A0407007	A0407008	A0407009	A0407010

Custom multimedia connectors are also available, please contact Customer Service for more details.

### SC Duplex Adapter

SC Duplex Adapter, Multi-mode, Beige	A0649254
--------------------------------------	----------



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

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
<b>MDVO-Style Multimedia Modules, Copper</b>				
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



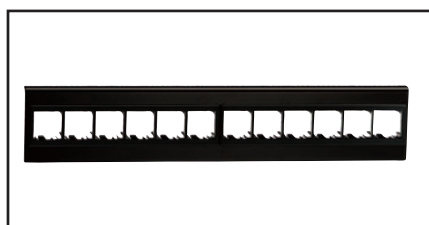
A0407001, MDVO-Style Coaxial, VIDEO F

## Workstation Outlets (continued)

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



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



AX100223, MDVO Adapter Strip, 12-port



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.

The CAT5E BIX DVO Workstation Outlets are robust and installer-friendly products, combining punch-down 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.

#### Multi-User Outlet Box

Description	Belden Part Number			
	Gray	Almond	White	Black
<b>Multi-User Outlet Box and Adapter Strips</b>				
Multi-User Outlet Box, 24-port	AX100219	AX100220	AX100221	AX100222

Adapter Strip not Included

#### Adapter Strips

Description	Belden Part Number
<b>Adapter Strips for Multi-User Outlet Box</b>	
Adapter Strip, KeyConnect, 12-port, Empty, Black	AX104615
Adapter Strip, MDVO-style, 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

Description	Belden Part Number			
	Gray	Almond	White	Black
<b>Surface and Flush Mount</b>				
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

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## Workstation Outlets (continued)

### Accessories

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-Style Modules to modify their color. They are particularly useful in installations where the churn rate is high and color identification of outlets is critical (ex.: segmented network with security levels). They also contribute to simplifying the management of the cabling infrastructure by using only one color of module for Moves, Adds and Changes (MACs).

ID Tabs are color-coded identification caps that can be inserted over the MDVO-Style Modules. The ID tabs are available as blank, data or voice coded. They are available in eleven colors to facilitate identification and to match modern office decor. 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-Style Accessories include blank inserts available in almond, white and black as well as Dust Covers in clear plastic to protect unused ports.



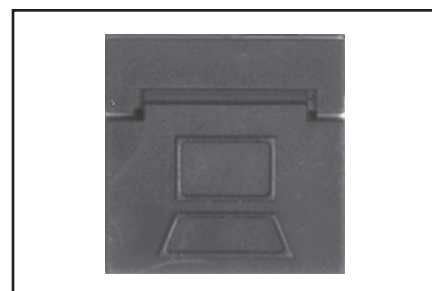
A0405538, MDVO Blank

### MDVO-Style Accessories

Description	Belden Part Number			
	Gray	Almond	White	Black
MDVO Blank Insert	A0405538	A0405537	A0405538	A0405539

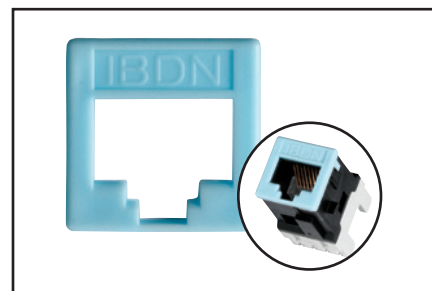
### MDVO-Style Accessories

Color	Belden Part Number			
	ID Tab, BLANK	ID Tab, DATA	ID Tab, 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



AX100196, ID Tab Data

Description	Belden Part Number
Interface Plate ID Window label and clear cover, 50 pieces per bag	AX101868

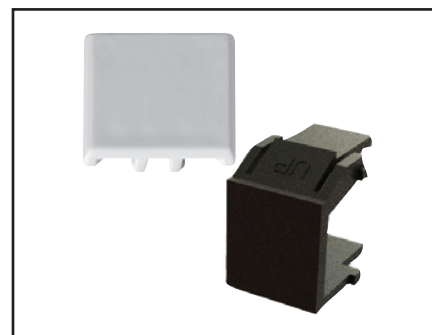


AX102022, Colored Bezel

### KeyConnect-Style Accessories

Description	Belden Part Number					
	Clear	Dark Gray	Gray	Almond	White	Black
KeyConnect-Style Blank Insert	-	AX104456	AX107026	AX102261	AX102262	AX102263
Dust Cover, Clear, bag of 50 units	AX101790	-	-	-	-	-

Description	Belden Part Number
KeyConnect ID Window label and clear cover, 100 pieces per bag	AX104680



AX101790, Dust Cover, AX102263, KeyConnect Blank Insert

### Color-coded Icon Kit

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



## Tools and Labeling

### REVConnect Tools and Accessories, Rapid Termination Tool



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

Belden's REVConnect system is supported by a single, universal core termination. The core then 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.

- Rubber handle grips for comfort
- Go-No 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

#### Key Specifications

- Rugged design will withstand tens of thousands of terminations



RVUCT01 Cable Prep Insert



AX105566 - Tool Assembly for KeyConnect Jacks

### 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
Universal Termination Tool	RVUTT01
Tool Blade Replacement Set	RVUTB01
Tool Belt Clip	RVUTC01
Replacement Cable Prep Tool	RVUCT01

### Rapid Termination Tool (RTT)

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

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## Workstation Outlets (continued)

### Tools

The 110 Connecting Tool is a no-impact connecting tool used to terminate cables, pigtailed 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 unbonded-pair cable for installation.

The Termination Station is an ergonomically designed holder that provides stability to the KeyConnect Module during the termination process. The station has pockets with locking features that steadily holds either MDVO-style or

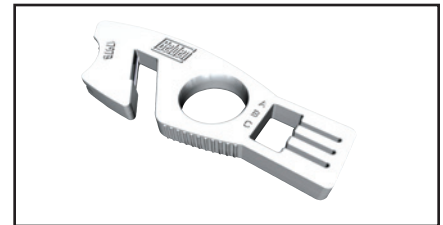
KeyConnect-Style Modules or MediaFlex Inserts during pair placement and wire termination. Cable retainers on each end of the station will secure and hold cables during the pair placements process. The flat bottom surface will provide the required stability to safely terminate the modules. The tool is made of very durable plastic and its low profile makes it an easy tool to use and carry.

The Outlet Release Tool is a very convenient tool for servicing the 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 to extract 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).



AX100749, 110 Connecting Tool



1797B 009, Cable Preparation Tool



AX101852, Termination Station



AX101185, Outlet Release Tool



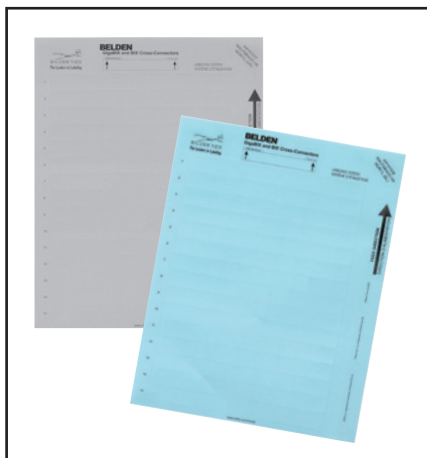
AX102775, Patch Cord Tool

### Tools

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

## Labels

### LabelFlex



LabelFlex Labels

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

The range of Belden products covered by the labeling system is:

- GigaBIX and BIX Cross-Connect Systems
- BIX Modular Jack Connectors
- 110 Cross-Connect System
- KeyConnect Patch Panels
- Flex Patch Panels
- Workstation Outlets
- MediaFlex Faceplates series
- Cable Applications, 4-pair and 25-pair

### Labels

Description	Belden Part Number
<b>Labels for MediaFlex Faceplates</b>	
Almond/Silver, 30 labels/sheet, 10 sheets/pack	AX101820
White, 30 labels/sheet, 10 sheets/pack	AX101821
<b>Labels for BIX and GIGABIX</b>	
Gray, 15 labels/sheet, 5 sheets/pack	AX101532
White, 15 labels/sheet, 5 sheets/pack	AX101533
Orange, 15 labels/sheet, 5 sheets/pack	AX101534
Red, 15 labels/sheet, 5 sheets/pack	AX101535
Yellow, 15 labels/sheet, 5 sheets/pack	AX101536
Green, 15 labels/sheet, 5 sheets/pack	AX101537
Blue, 15 labels/sheet, 5 sheets/pack	AX101538
Purple, 15 labels/sheet, 5 sheets/pack	AX101539
Brown, 15 labels/sheet, 5 sheets/pack	AX101540
Silver, 15 labels/sheet, 5 sheets/pack	AX101541
<b>Labels for BIX Modular Jack Connector</b>	
Gray, 28 labels/sheet, 5 sheets/pack	AX101542
White, 28 labels/sheet, 5 sheets/pack	AX101543
Orange, 28 labels/sheet, 5 sheets/pack	AX101544
Red, 28 labels/sheet, 5 sheets/pack	AX101545
Yellow, 28 labels/sheet, 5 sheets/pack	AX101546
Green, 28 labels/sheet, 5 sheets/pack	AX101547
Blue, 28 labels/sheet, 5 sheets/pack	AX101548
Purple, 28 labels/sheet, 5 sheets/pack	AX101549
Brown, 28 labels/sheet, 5 sheets/pack	AX101550
Silver, 28 labels/sheet, 5 sheets/pack	AX101584
<b>Labels for Cable Applications, 4-pair &amp; 25-pair</b>	
White, 48 labels/sheet, 25 sheets/pack	AX101555
White, 24 labels/sheet, 25 sheets/pack	AX101556
<b>Labels for 10GX, CAT6+ and KeyConnect Modular Patch Panels</b>	
White, 24 labels/sheet, 5 sheets/pack	AX102299
<b>Labels for Ultra High Density Patch Panels (KeyConnect)</b>	
White, 24 labels/sheet 5 sheets/pack	AX103275

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**Labels** (continued)  
LabelFlex

**Labels**

Description	Belden Part Number
<b>Labels for Workstation Faceplates ID</b>	
White, 80 labels/sheet, 5 sheets/pack	AX101552
<b>Labels for 110 Cross-Connect</b>	
Gray, 18 labels/sheet, 5 sheets/pack	AX101557
White, 18 labels/sheet, 5 sheets/pack	AX101558
Orange, 18 labels/sheet, 5 sheets/pack	AX101559
Red, 18 labels/sheet, 5 sheets/pack	AX101560
Yellow, 18 labels/sheet, 5 sheets/pack	AX101561
Green, 18 labels/sheet, 5 sheets/pack	AX101562
Blue, 18 labels/sheet, 5 sheets/pack	AX101563
Purple, 18 labels/sheet, 5 sheets/pack	AX101564
Brown, 18 labels/sheet, 5 sheets/pack	AX101565
<b>Labels for KeyConnect AngleFlex and 10GX IDC Patch Panels</b>	
White, 180 labels/sheet, 5 sheets/pack	AX103257
<b>Labels for Flex Patch Panels</b>	
White, 28 labels/sheet, 5 sheets/pack	AX101551
<b>Labels for KeyConnect Modular Furniture Adapters</b>	
White, 450 labels/sheet, 5 sheets/pack	AX101553
<b>Labels for HD-Series Patch Panels</b>	
White, 18 labels/sheet, 5 sheets/pack	AX101554
White, 28 labels/sheet, 5 sheets/pack	AX103265
<b>Software</b>	
Software available on <a href="http://www.belden.com">www.belden.com</a>	



## 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 combustibles 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 Pair Cables are available in shielded (F/UTP) plenum and non-plenum varieties with several color and packaging options to ease installation, handling and identification.

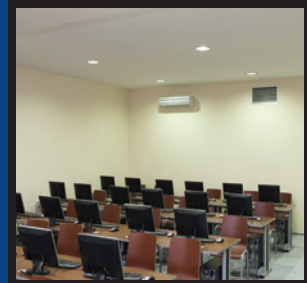
DataTwist 1200 Bonded-Pair UTP Siamese Cables come bundled with two 4-pair cables for easy break-out and identification.

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 high-speed applications or in DataTwist Category 3 UTP multi-pair cables, including up to 300-pair count cables for large voice communication systems.

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## DataTwist 6, 5e and 5 F/UTP Shielded Cable

### Nonbonded-Pair

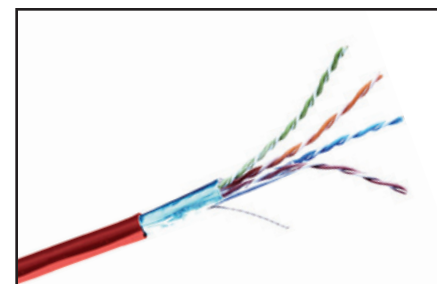
DataTwist® 6, 5e and 5 F/UTP shielded cables have thick, 100% coverage foil shields that protect systems from harsh EMI environments which improves data throughput.

DataTwist 6, and 5e Shielded Cables consist of 4-pair F/UTP cables that meet or exceed ANSI/TIA/EIA-568-C.2's requirements for Category 6 and 5e.

DataTwist 5 meets or exceeds ANSI/TIA/EIA-568-B.2's requirements for Category 5 cable.

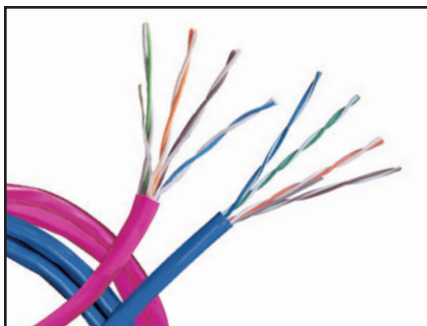
### DataTwist 6, DataTwist 5e and DataTwist 5 Shielded Cable

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



DataTwist 5e F/UTP

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)



DataTwist 5e Cable

## DataTwist 5e Cable, Category 5e Nonbonded-Pair

DataTwist® 5e Cables are easy to install and offer all the performance you need to meet ANSI/TIA/EIA 568-C.2 Category 5e standards. DataTwist 5e Cables are available in plenum and non-plenum versions and several color and packaging options to ease installation, handling,

and identification. Made to the highest quality standards in the industry, DataTwist 5e Cables support all applications that operate using Category 5e standards.

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

### DataTwist 5e Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 5e, Nonbonded-Pair, 2-pair, 24 AWG, CMR, Category 5e</b>			
1588A 006U1000	Blue	305 m (1000 ft)	UnReel Box
1588A F6HU1000	Gray	305 m (1000 ft)	UnReel Box
1588A 006I000	Blue	305 m (1000 ft)	Spool
1588A F6HI000	Gray	305 m (1000 ft)	Spool
<b>DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e</b>			
1583A 002U1000	Red	305 m (1000 ft)	UnReel Box
1583A 003U1000	Orange	305 m (1000 ft)	UnReel Box
1583A 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1583A 005U1000	Green	305 m (1000 ft)	UnReel Box
1583A 006U1000	Blue	305 m (1000 ft)	UnReel Box
1583A 008U1000	Gray	305 m (1000 ft)	UnReel Box
1583A 009U1000	White	305 m (1000 ft)	UnReel Box
1583A 010U1000	Black	305 m (1000 ft)	UnReel Box
1583A 012U1000	Pink	305 m (1000 ft)	UnReel Box
1583B T30U1000	Fluor. Pink	305 m (1000 ft)	UnReel Box
1583A 002I000	Red	305 m (1000 ft)	Spool
1583A 003I000	Orange	305 m (1000 ft)	Spool
1583A 004I000	Yellow	305 m (1000 ft)	Spool
1583A 005I000	Green	305 m (1000 ft)	Spool
1583A 006I000	Blue	305 m (1000 ft)	Spool
1583A 008I000	Gray	305 m (1000 ft)	Spool
1583A 009I000	White	305 m (1000 ft)	Spool
1583A 010I000	Black	305 m (1000 ft)	Spool
1583A 012I000	Pink	305 m (1000 ft)	Spool
1583B T30I000	Fluor. Pink	305 m (1000 ft)	Spool
<b>DataTwist 5e, Nonbonded-Pair, 2-pair, 24 AWG, CMP, Category 5e</b>			
1590A D15I000	Blue	305 m (1000 ft)	Spool
1590A 877I000	Natural	305 m (1000 ft)	Spool
<b>DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e</b>			
1585A 002U1000	Red	305 m (1000 ft)	UnReel Box
1585A 003U1000	Orange	305 m (1000 ft)	UnReel Box
1585A 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1585A 005U1000	Green	305 m (1000 ft)	UnReel Box
1585A D15U1000	Blue	305 m (1000 ft)	UnReel Box
1585A 008U1000	Gray	305 m (1000 ft)	UnReel Box
1585A 009U1000	White	305 m (1000 ft)	UnReel Box
1585A 010U1000	Black	305 m (1000 ft)	UnReel Box
1585A 012U1000	Pink	305 m (1000 ft)	UnReel Box
1585A 877U1000	Natural	305 m (1000 ft)	UnReel Box
1585A 002I000	Red	305 m (1000 ft)	Spool
1585A 003I000	Orange	305 m (1000 ft)	Spool
1585A 004I000	Yellow	305 m (1000 ft)	Spool
1585A 005I000	Green	305 m (1000 ft)	Spool
1585A D15I000	Blue	305 m (1000 ft)	Spool
1585A 008I000	Gray	305 m (1000 ft)	Spool
1585A 009I000	White	305 m (1000 ft)	Spool
1585A 010I000	Black	305 m (1000 ft)	Spool
1585A 012I000	Pink	305 m (1000 ft)	Spool
1585B T30I000	Fluor. Pink	305 m (1000 ft)	Spool
1585A 877I000	Natural	305 m (1000 ft)	Spool

Faster.  
Easier.  
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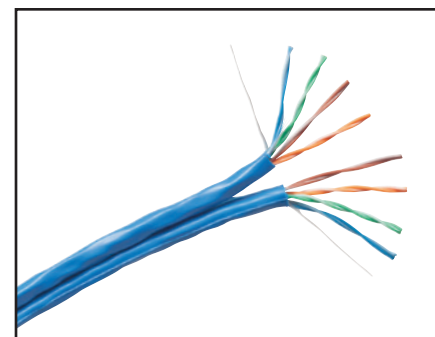


## DataTwist 1200 UTP Siamese Cable, Category 5e

Bonded-Pair (DT350)

DataTwist® 1200 Bonded-Pair provides the user with superior electrical performance both “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.



DataTwist 1200 Siamese Cable

### DataTwist 1200 UTP Siamese Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 1200, Bonded-Pair, 2x4-pair Siamese, 24 AWG, CMR, Category 5e</b>			
1702A 0061000	Blue	305 m (1000 ft)	Spool
1702A F2V1000	Lt. Gray	305 m (1000 ft)	Spool
<b>DataTwist 1200, Bonded-Pair, 2x4-pair Siamese, 24 AWG, CMP, Category 5e</b>			
1703A D151000	Blue	305 m (1000 ft)	Spool
1703A 8771000	Natural	305 m (1000 ft)	Spool

Alternative colors, lengths and packaging are available, please contact Customer Service for more details.

Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

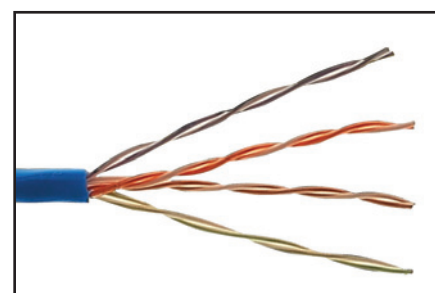
## Limited Combustible Cable, Category 6 and Category 5e

Nonbonded-Pair and Bonded-Pair

DataTwist® Limited Combustible Category 6 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

### DataTwist Limited Combustible Cable, Category 6 and 5e

Belden Part Number	Color	Length	Packaging
<b>DataTwist 6, Bonded-Pair, 4-Pair, 23 AWG, CMP FHC 25/50 (aka CMP-50), Category 6</b>			
7813LC 006U1000	Blue	305 m (1000 ft)	UnReel Box
7813LC 009U1000	White	305 m (1000 ft)	UnReel Box
7813LC 006I000	Blue	305 m (1000 ft)	Spool
7813LC 009I000	White	305 m (1000 ft)	Spool
<b>DataTwist 5e, Nonbonded-Pair, 4-Pair, 24 AWG, CMP FHC 25/50 (aka CMP-50), Category 5e</b>			
1585LC 006U1000	Blue	305 m (1000 ft)	UnReel Box
1585LC 009U1000	White	305 m (1000 ft)	UnReel Box
1585LC 006I000	Blue	305 m (1000 ft)	Spool
1585LC 009I000	White	305 m (1000 ft)	Spool
<b>DataTwist 1200, Bonded-Pair, 4-Pair, 24 AWG, CMP FHC 25/50 (aka CMP-50), Category 5e</b>			
1701LC 006U1000	Blue	305 m (1000 ft)	UnReel Box
1701LC 009U1000	White	305 m (1000 ft)	UnReel Box
1701LC 006I000	Blue	305 m (1000 ft)	Spool
1701LC 009I000	White	305 m (1000 ft)	Spool

Alternative colors, lengths and packaging are available, please contact Customer Service for more details.





Outside Plant, Gel-filled

## Outside Plant Cable (OSP), Category 6A, Category 6 and Category 5e Nonbonded-Pair

Category 6A, Category 6 and 5e Outside Plant (OSP) cables are 4-pair products and are 100% gel-filled with a non-sticky PP compound that is easy to remove when terminating. Each product also has a thick polyethylene jacket for better

moisture and cut through resistance. OSP products exceed Category 6A, Category 6 or Category 5e requirements as per ANSI/TIA/EIA-568-C.2.

### Outside Plant Cable

Belden Part Number	Color	Length	Packaging
<b>Category 6A OSP, Nonbonded-Pair, 4-pair, 23 AWG</b>			
OSP6AU 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 6 OSP, Nonbonded-Pair, 4-pair, 24 AWG, Category 6</b>			
OSP6U 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 5e OSP, Nonbonded-Pair, 4-pair, 24 AWG, Category 5e</b>			
7997A 0101000	Black	305 m (1000 ft)	Spool

### Outside Plant and Indoor CM-LS Cable

Belden Part Number	Color	Length	Packaging
<b>DataTwist 6, OSP, CM-LS, Nonbonded-Pair, 4-pair, 23 AWG, Category 6</b>			
2143A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 5e, OSP, CM-LS, Nonbonded-Pair, 4-pair, 24 AWG, Category 5e</b>			
2137A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 5e, OSP, CM-LS, Nonbonded-Pair, 25-pair, 24 AWG, Category 5e</b>			
2139A 0101000	Black	305 m (1000 ft)	Spool

## CMR/CMX Outdoor Cable, Category 6A, Category 6 and Category 5e Nonbonded-Pair

### Unshielded (U/UTP)

Belden Part Number	Color	Length	Packaging
<b>Category 6A, CMR/CMX Outdoor, Nonbonded-Pair, 4-pair, 23 AWG</b>			
2148A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 2400*, CMR/CMX Outdoor, Nonbonded-Pair, 4-pair, 24 AWG, Category 6</b>			
2146A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 5e, CMR/CMX Outdoor, Nonbonded-Pair, 4-pair, 24 AWG, Category 5e</b>			
1594A 008U1000	Gray	305 m (1000 ft)	UnReel Box
1594A 009U1000	White	305 m (1000 ft)	UnReel Box
1594A 1GFU1000	Ivory	305 m (1000 ft)	UnReel Box

### Shielded (F/UTP)

Belden Part Number	Color	Length	Packaging
<b>DataTwist 2400*, CMR/CMX Outdoor, F/UTP, Nonbonded-Pair, 4-pair, 24 AWG, Category 6</b>			
2149A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 5e, CMR/CMX Outdoor, F/UTP, Nonbonded-Pair, 4-pair, 24 AWG, Category 5e</b>			
2138A 0101000	Black	305 m (1000 ft)	Spool

\*DataTwist 2400 cables may be used for Belden 25-year Certified System Warranty

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## DataTwist 3 UTP, D-Inside Wire & Backbone Indoor Cable, Category 3

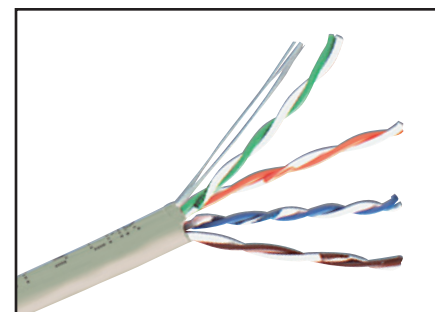
### Nonbonded-Pair

DataTwist® 3 Cable is a high value UTP cable engineered specifically to perform to Category 3 requirements per ANSI/TIA/EIA—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/EIA—568-C.2 and CSA T529-95 specifications for Category 3 transmission characteristics and are perfect for use in networking and communication systems.

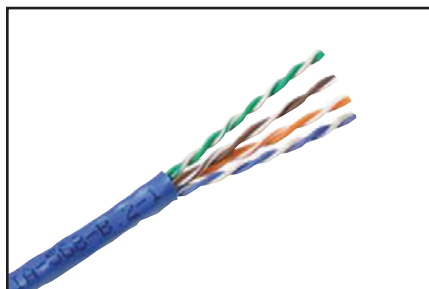
### Backbone Indoor Cable

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



D-Inside Series Riser Cable

Miscellaneous Cables



DataTwist Patch Cable

 Documents contributing to LEED points are available at [info.belden.com/leed-credits](http://info.belden.com/leed-credits)

## Patch Cable, Category 6 and 5e

### Nonbonded-Pair and Bonded-Pair

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/EIA-568-C.2.

Our high-end products, 1752A and 1875GB, are the premier patch cable products in the industry. Bonded-Pair technology is used to

give these flexible cables rock solid return loss 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 your system's insertion loss.

### Patch Cable

Belden Part Number	Color	Length	Packaging
<b>MediaTwist, Bonded-Pair, 4-pair Patch Cable, 24 AWG Stranded, CMR, Category 6</b>			
1875GB 005A1000	Green	305 m (1000 ft)	Spool-in-Box
1875GB 006A1000	Blue	305 m (1000 ft)	Spool-in-Box
1875GB 007A1000	Purple	305 m (1000 ft)	Spool-in-Box
1875GB F2V1000	Lt. Gray	305 m (1000 ft)	Spool
1875GB F6H1000	Gray	305 m (1000 ft)	Spool
1875GB 0041000	Yellow	305 m (1000 ft)	Spool
1875GB 0051000	Green	305 m (1000 ft)	Spool
1875GB 0061000	Blue	305 m (1000 ft)	Spool
1875GB 0091000	White	305 m (1000 ft)	Spool
1875GB 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 6, Nonbonded-Pair, 4-pair Patch Cable, 24 AWG, CMR, Category 6</b>			
7883A 0021000	Red	305 m (1000 ft)	Spool
7883A 0031000	Orange	305 m (1000 ft)	Spool
7883A 0041000	Yellow	305 m (1000 ft)	Spool
7883A 0051000	Green	305 m (1000 ft)	Spool
7883A 0061000	Blue	305 m (1000 ft)	Spool
7883A 0071000	Purple	305 m (1000 ft)	Spool
7883A F2V1000	Lt. Gray	305 m (1000 ft)	Spool
7883A 0091000	White	305 m (1000 ft)	Spool
7883A 0101000	Black	305 m (1000 ft)	Spool
<b>DataTwist 1200 (DT350), Bonded-Pair, 4-pair Patch Cable, 24 AWG Stranded, CM, Category 5e</b>			
1752A 002U1000	Red	305 m (1000 ft)	UnReel Box
1752A 003U1000	Orange	305 m (1000 ft)	UnReel Box
1752A 004U1000	Yellow	305 m (1000 ft)	UnReel Box
1752A 005U1000	Green	305 m (1000 ft)	UnReel Box
1752A 006U1000	Blue	305 m (1000 ft)	UnReel Box
1752A 007U1000	Purple	305 m (1000 ft)	UnReel Box
1752A F2VU1000	Lt. Gray	305 m (1000 ft)	UnReel Box
1752A 010U1000	Black	305 m (1000 ft)	UnReel Box
1752A 0021000	Red	305 m (1000 ft)	Spool
1752A 0031000	Orange	305 m (1000 ft)	Spool
1752A 0041000	Yellow	305 m (1000 ft)	Spool
1752A 0051000	Green	305 m (1000 ft)	Spool
1752A 0061000	Blue	305 m (1000 ft)	Spool
1752A 0071000	Purple	305 m (1000 ft)	Spool
1752A F2V1000	Lt. Gray	305 m (1000 ft)	Spool
1752A 0101000	Black	305 m (1000 ft)	Spool

Faster.  
Easier.  
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## Patch Cable, Category 6 and 5e (continued)

Nonbonded-Pair and Bonded-Pair

### Patch Cable

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

## Backbone Indoor Cable, Category 5e

Nonbonded-Pair

Available in plenum and non-plenum versions, 25-pair Cat 5e backbone cables are designed for high-speed applications. These cables meet and exceed the Category 5e transmission characteristics including the

Power Sum Near End Crosstalk (NEXT) requirements of ANSI/TIA/EIA-568-C.2 Standard for Commercial Building Telecommunications Wiring.

### Backbone Indoor Cable, Category 5e

Belden Part Number	Color	Length	Packaging
<b>Nonbonded-Pair, 25-pair, 24 AWG, CMR, Category 5e</b>			
IBDN25R 006500	Blue	152 m (500 ft)	Spool
IBDN25R 0061000	Blue	305 m (1000 ft)	Spool
IBDN25R 0081000	Gray	305 m (1000 ft)	Spool
<b>Nonbonded-Pair, 25-pair, 24 AWG, CMP, Category 5e</b>			
IBDN25P 0081000	Gray	305 m (1000 ft)	Spool

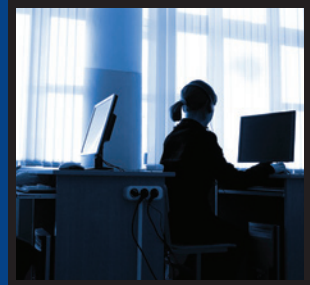


IBDN25R, 25-pair Cat5e Cable

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10GX12 0031000	9	10GXS13 0021000	8	10GXS33005A1000	8	1245A2 009U1000	73	1585A 0091000	70
10GX12 0041000	9	10GXS13 0031000	8	10GXS33007A1000	8	1351A 0041000	69	1585A 0101000	70
10GX12 0041500	9	10GXS13 0041000	8	10GXS33008A1000	8	1351A 0061000	69	1585A 0121000	70
10GX12 0051000	9	10GXS13 0051000	8	10GXS33009A1000	8	1351A 0081000	69	1585A 0121000	70
10GX12 0061000	9	10GXS13 0071000	8	10GXS33010A1000	8	1351A 0091000	69	1585A D15U1000	70
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10GX12 0081000	9	10GXS13 0101000	8	1212 005U1000	39	1352A 0091000	69	1585LC 006U1000	71
10GX12 0091000	9	10GXS13D15A1000	8	1212 006U1000	39	1352A D151000	69	1585LC 009U1000	71
10GX12 0091500	9	10GXS13 D151000	8	1212 008U1000	39	1533P 004A1000	69	1585LC 0061000	71
10GX12 0101000	9	10GXS24 0061000	8	1212 009U1000	39	1533P 005A1000	69	1585LC 0091000	71
10GX12 0101500	9	10GXS24 0071000	8	1212 010U1000	39	1533P 008A1000	69	1588A 006U1000	70
10GX12 XXX1000	16	10GXS24 0081000	8	1212 0061000	39	1533P 010A1000	69	1588A 0061000	70
10GX13 0041000	9	10GXS24 0091000	8	1212 0062500	39	1533P 877A1000	69	1588A F6H1000	70
10GX13 0042500	9	10GXS32 0021000	8	1212 0091000	39	1533P 0041000	69	1588A F6HU1000	70
10GX13 0051000	9	10GXS32 0031000	8	1212F 002A1000	48	1533P 0051000	69	1590A 8771000	70
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Faster.  
Easier.  
Better.

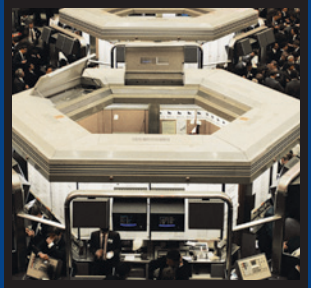


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