BELDEN

Belden® Copper Catalog

One Enterprise.
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Belden IBDN
Copper Systems

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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.

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Belden IBDN 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.

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Representing Networking Leadership at Every Turn

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

Belden IBDN 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 IBDN Copper Systems are available in five different levels to meet your specific needs — no matter what your application, your environment or your plans. With verified performance through comprehensive, independent third-party testing, Belden IBDN Copper Systems are available with the following wide range of components — each tuned to its other system components to provide optimum, end-to-end system performance.

- Pre-Terminated and Field-Terminated Systems
- Nonbonded-Pair and Bonded-Pair cable and assemblies
- Unshielded and shielded cable, assemblies and components
- Ultra High-Density, AngleFlex and standard patch panels
- KeyConnect and MDVO-Style modular jacks
- Patch cords, pigtails and pre-terminated cabling assemblies
- MediaFlex, KeyConnect and MDVO-Style workstation outlet systems
- BIX and 110 IDC cross-connect systems.
- Indoor, outdoor and specialty backbone and riser cables

The following is a recap of each of the five Belden IBDN Copper Systems.

IBDN 10GX System

The IBDN 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 10BASE-T applications and the highest supported frequency for broadband video at 860 MHz, the IBDN 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 IBDN 10GX System is the ideal solution for any current and future data center or horizontal cabling system.

IBDN 4800 System

The highest performing Category 6 system available, the IBDN 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 IBDN 4800 System supports a variety of environments and applications. With a wide range of components and accessories, the end-to-end IBDN 4800 System offers the longest operational life span of any Category 6 system.

IBDN 3600 System

The IBDN 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 IBDN 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 IBDN 3600 System the most cost-effective solution for high-traffic and high bit-rate applications throughout the LAN environment.

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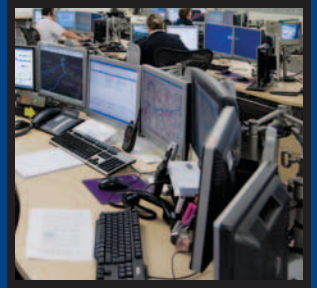


IBDN 2400 System

The IBDN 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 IBDN 2400 System is an ideal market-entry solution for businesses ready for reliable end-to-end Category 6 performance.

IBDN 1200 System

For networks requiring only Category 5e performance, the IBDN 1200 System is the best performing Category 5e system available. The IBDN 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 IBDN 1200 System is robust enough to support a variety of basic business applications in standard environments, including basic PoE.

Belden IBDN Copper Systems – Performance and Component Selection Matrix

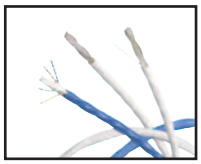
IBDN System	10GX System	4800 System	3600 System	2400 System	1200 System
Performance Standard	Category 6A	Category 6	Category 6	Category 6	Category 5e
Available Bandwidth	625 MHz	300 MHz	280 MHz	250 MHz	160 MHz
Cable Selection	10GX Series	DataTwist 4800 Series	DataTwist 3600 Series	DataTwist 2400 Series MediaTwist Series	DataTwist 1200 Series
Connectivity Selection	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 *(Configurable with appropriate modules)*				

Top-quality Flagship Innovations Provide the Ultimate Value

There's a Belden IBDN Copper System that's right for you.

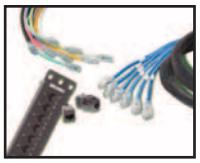
Backed by years of field-proven telecommunications experience, Belden IBDN Copper System components include several innovative technologies designed to ensure cost-effective, easy deployment and maximum performance and reliability, while meeting current and future needs for capacity and scalability. These products are designed with the same focus on quality and performance found in Belden's complete product line.

Belden Bonded-Pair Cables



Available for each IBDN 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.

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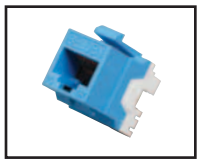
KeyConnect Modularity



Belden's KeyConnect System includes a wide range of KeyConnect patch panels, faceplates, adapters and boxes, combined with a complete line of KeyConnect Modules, including KeyConnect Modular Jacks available in 10GX, CAT6+ and CAT5E to suit any network performance level. Each modular component of the KeyConnect series seamlessly fits together to accommodate any application—from the data center to the workstation. Designed with superior signal transmission performance, the compact 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 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. 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 as our authored Certified System Vendors (CSVs). 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 IBDN system is optimized for the required standards, technology environment and lifespan of the network.

Best-in-Class Support and Warranties

All Belden IBDN Systems are backed by expert service and technical support and a commitment to delivering high-performance, reliable transmission solutions. Belden backs cerified IBDN 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 IBDN 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.

Contact Belden Today

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

Start designing your own **Copper System** by selecting from the products featured on the following pages.

SECTION ONE

IBDN 10GX System

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The copper cabling system that does it all, the IBDN 10GX 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, 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 IBDN 10GX System is designed to outlast several equipment and application upgrades.

The IBDN 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 IBDN 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.

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

RoundFleX cable design offers a smaller diameter cable (only .295") for higher density at the rack and easier handling through pathways.

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.

X-Bar technology accurately positions each UTP pair prior to termination.

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

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

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

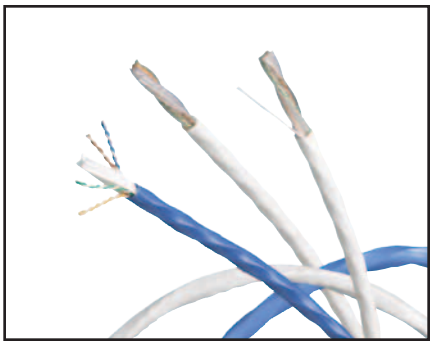
10GX UTP System Cable, 10 Gigabit Ethernet, Category 6A

Nonbonded-Pair and Bonded-Pair

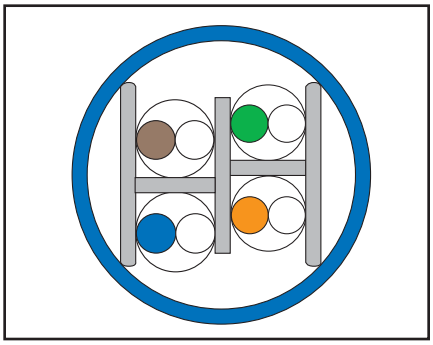
The 10GX Cable delivers performance that goes beyond the ANSI/TIA/EIA 568-C.2 Category 6A standard. When used as the horizontal cable within the Belden IBDN 10GX System, it provides 625 MHz of proven channel bandwidth and a data rate of 10 Gigabits per second. This performance is made possible through 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)
- Power Over Ethernet Plus - 2 pairs, up to 30 Watts or 4-pairs, up to 60 Watts (IEEE 802.3at)
- Power Over Ethernet - 2 pairs, up to 12.95 Watts (IEEE 802.3af)
- Broadband Video (CATV) & High Speed Internet (DOCSIS) over UTP up to 860 MHz
- High Temperature performance up to 50°C without length de-rating for 1000BASE-T and 100BASE-TX



10GX System Cable

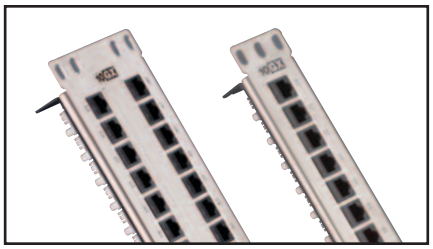


Innovative RoundFleX Design

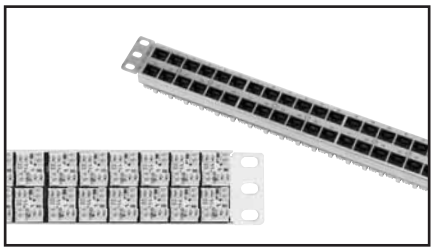
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
10GX System UTP Cable					
10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6A					
10GX12 0021000	Red	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0031000	Orange	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0061000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0071000	Purple	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX12 0041500	Yellow	458 m (1500 ft)	Spool	15 spools/pallet	6863 m (22500 ft)
10GX12 0091500	White	458 m (1500 ft)	Spool	15 spools/pallet	6863 m (22500 ft)
10GX12 0101500	Black	458 m (1500 ft)	Spool	15 spools/pallet	6863 m (22500 ft)
10GX12 0062500	Blue	762 m (2500 ft)	Spool	8 spools/pallet	6100 m (20000 ft)
10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6A					
10GX13 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 D151000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0071000	Purple	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX13 0101500	Black	458 m (1500 ft)	Spool	15 spools/pallet	6863 m (22500 ft)
10GX13 0042500	Yellow	762 m (2500 ft)	Spool	8 spools/pallet	6100 m (20000 ft)
10GX13 D152500	Blue	762 m (2500 ft)	Spool	8 spools/pallet	6100 m (20000 ft)
10GX, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6A					
10GX24 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX24 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX24 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6A					
10GX32 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX32 0061000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX32 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX32 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6A					
10GX33 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX33 D151000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX33 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX33 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6A					
10GX44 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX44 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX44 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)

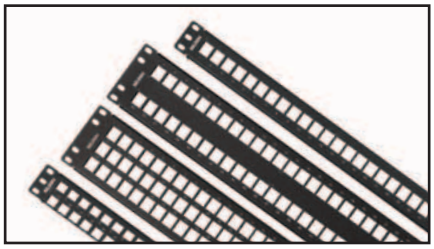
10GX Patch Panels
Preloaded and Modular



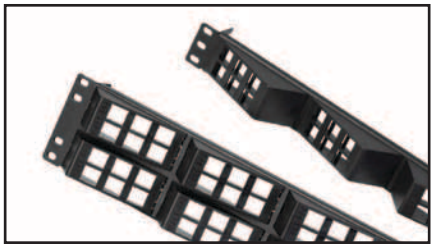
10GX KeyConnect Patch Panel (Preloaded)



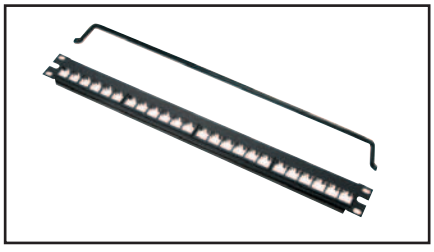
10GX Ultra High-Density Patch Panel (Preloaded)



10GX KeyConnect Patch Panel (Empty)



AngleFlex Patch Panel (Empty)



Flex Patch Panel (Empty)

The 10GX Patch Panel is a fully loaded patch panel designed to be used within the IBDN 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 Flex Patch Panel series is available in 24-port/1U and 48-port/2U configurations, and is designed to be populated using MDVO-Style 10GX Modular Jacks or Multimedia Modules.

Ordering Information

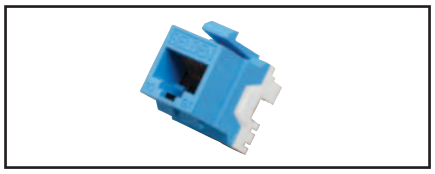
Description	Belden Part Number
10GX Patch Panels	
10GX KeyConnect Patch Panels (Preloaded)	
10GX KeyConnect Patch Panel, 24-port, 1U, Titanium (Preloaded)	**AX103254**
10GX KeyConnect Patch Panel, 48-port, 2U, Titanium (Preloaded)	**AX103256**
10GX Ultra High-Density Patch Panel (Preloaded)	
10GX Ultra High-Density Patch Panel, 1U, 48-port, Titanium (Preloaded)	**AX103264**
KeyConnect Modular Patch Panels	
KeyConnect Modular Patch Panels (Empty)	
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**
AngleFlex Modular Patch Panels (Empty)	
AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	**AX103248**
AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	**AX103249**
Modular Patch Panels MDVO-Style	
Flex Patch Panels (Empty)	
Flex Patch Panel, 24-port, 1U, Black (Empty)	**AX101456**
Flex Patch Panel, 48-port, 2U, Black (Empty)	**AX101458**

10GX Modular Jacks
KeyConnect and MDVO-Style

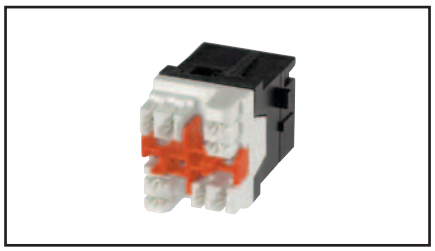
The 10GX Module is a revolutionary punch down UTP connector designed to be used within the IBDN 10GX System. In order to achieve true 10G performance, Belden has designed the 10GX Module based on three revolutionary module technologies making the 10GX Module the most advanced 10G module available. The 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.

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.

KeyConnect Modular Jacks



10GX KeyConnect Modular Jack



10GX MDVO-Style Modular Jack

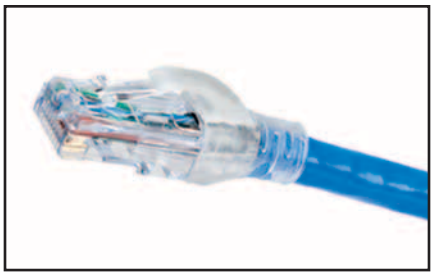
Ordering Information

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
10GX Module, Category 6A		
10GX Modular Jacks		
Gray	**AX102280**	**AX102269**
Almond	**AX102281**	**AX102270**
White	**AX102282**	**AX102271**
Black	**AX102283**	**AX102272**
Orange, TIA 606	**AX102284**	**AX102273**
Red, TIA 606	**AX102285**	**AX102274**
Yellow, TIA 606	**AX102286**	**AX102275**
Green, TIA 606	**AX102287**	**AX102276**
Blue, TIA 606	**AX102288**	**AX102277**
Purple, TIA 606	**AX102289**	**AX102278**
Brown, TIA 606	**AX102290**	**AX102279**
Ivory	**AX103073**	**AX102562**
Orange*	**AX104152**	—
Red*	**AX104153**	—
Yellow*	**AX104154**	—
Green*	**AX104155**	—
Blue*	**AX104156**	—
Purple*	**AX104157**	—
Brown*	**AX104158**	—

* Only available in KeyConnect-Style

10GX Modular Cords

Bonded-Pair Cords and Nonbonded-Pair Pigtails



10GX Modular Cord

The 10GX Modular Cords are 4-pair 24 AWG UTP modular cords designed to be used within the Belden IBDN 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.

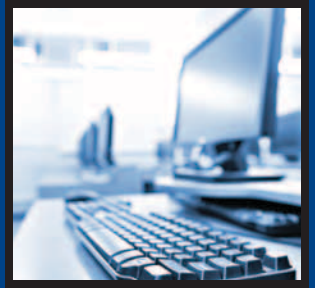
The 10GX Modular Cords are available in dark colors which match the horizontal cable colors and are also available in TIA/EIA-606 standard (pastel) colors. The unmatched performance exceeds all parameters specified in the Category 6A standard. All performance characteristics have been set to guarantee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

Ordering Information

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
10GX Modular Cords						
10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR						
2 ft (0.6 m)	CA21104002	CA21105002	CA21106002	CA21108002	CA21109002	CA21100002
4 ft (1.2 m)	CA21104004	CA21105004	CA21106004	CA21108004	CA21109004	CA21100004
7 ft (2.1 m)	CA21104007	CA21105007	CA21106007	CA21108007	CA21109007	CA21100007
10 ft (3.0 m)	CA21104010	CA21105010	CA21106010	CA21108010	CA21109010	CA21100010
15 ft (4.6 m)	CA21104015	CA21105015	CA21106015	CA21108015	CA21109015	CA21100015
25 ft (7.6 m)	CA21104025	CA21105025	CA21106025	CA21108025	CA21109025	CA21100025
10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR, TIA Colors						
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	—	—	—
xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft						
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMR						
15 ft (4.6 m)	—	—	CA31206015	CA31208015	CA31209015	—
25 ft (7.6 m)	—	—	CA31206025	CA31208025	CA31209025	—
35 ft (10.6 m)	—	—	CA31206035	CA31208035	CA31209035	—
50 ft (15.2 m)	—	—	CA31206050	CA31208050	CA31209050	—
xxx	—	—	CA31206xxx	CA31208xxx	CA31209xxx	—
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMR						
15 ft (4.6 m)	—	—	CA31306015	CA31308015	CA31309015	—
25 ft (7.6 m)	—	—	CA31306025	CA31308025	CA31309025	—
35 ft (10.6 m)	—	—	CA31306035	CA31308035	CA31309035	—
50 ft (15.2 m)	—	—	CA31306050	CA31308050	CA31309050	—
xxx	—	—	CA31306xxx	CA31308xxx	CA31309xxx	—
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMP						
15 ft (4.6 m)	—	—	CA32206015	CA32208015	CA32209015	—
25 ft (7.6 m)	—	—	CA32206025	CA32208025	CA32209025	—
35 ft (10.6 m)	—	—	CA32206035	CA32208035	CA32209035	—
50 ft (15.2 m)	—	—	CA32206050	CA32208050	CA32209050	—
xxx	—	—	CA32206xxx	CA32208xxx	CA32209xxx	—
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMP						
15 ft (4.6 m)	—	—	CA32306015	CA32308015	CA32309015	—
25 ft (7.6 m)	—	—	CA32306025	CA32308025	CA32309025	—
35 ft (10.6 m)	—	—	CA32306035	CA32308035	CA32309035	—
50 ft (15.2 m)	—	—	CA32306050	CA32308050	CA32309050	—
xxx	—	—	CA32306xxx	CA32308xxx	CA32309xxx	—

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft
All pigtails also available in Bonded-Pair



Modular Cord Configuration Matrices

10GX, CAT6+ and CAT5E Modular Cords

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 Part Number Example:

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

Performance			Cable			Termination			Standard Color			Length		
10GX	=	CA	10GX Bonded-Pair, Solid, CMR	=	21	T568A/B-T568A/B	=	1	Brown	=	01	1 ft (0.3 m)	=	001
			10GX Bonded-Pair, Solid, CMP	=	22				Red	=	02	2 ft (0.6 m)	=	002
CAT6+	=	C6	C6/5 Bonded-Pair, Solid, CMR	=	01				Orange	=	03	3 ft (0.9 m)	=	003
CAT5E	=	C5	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
									TIA 606 Color			12 ft (3.7 m)	=	012
									Red	=	12	13 ft (4.0 m)	=	013
									Orange	=	13	14 ft (4.3 m)	=	014
									Yellow	=	14	15 ft (4.6 m)	=	015
									Green	=	15	20 ft (6.1 m)	=	020
									Blue	=	16	25 ft (7.6 m)	=	025
									Purple	=	17			

Pigtails Part Number Example:

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

Performance			Cable			Termination			Standard Color			Length		
10GX	=	CA	10GX Bonded-Pair, Solid, CMR	=	21	T568A-Open	=	2	Brown	=	01	15 ft (4.6 m)	=	015
			10GX Bonded-Pair, Solid, CMP	=	22	T568B-Open	=	3	Red	=	02	20 ft (6.1 m)	=	020
CAT6+	=	C6	C6/5 Bonded-Pair, Solid, CMR	=	01				Orange	=	03	25 ft (7.6 m)	=	025
CAT5E	=	C5	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 606 Color					
									Red	=	12			
									Orange	=	13			
									Yellow	=	14			
									Green	=	15			
									Blue	=	16			
									Purple	=	17			

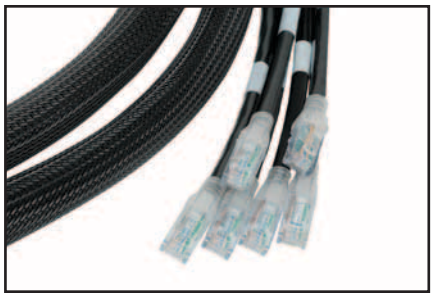
Crossover Patch Cords Part Number Example:

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

Performance			Cable			Termination			Standard Color			Length		
10GX	=	CA	10GX Bonded-Pair, Solid, CMR	=	21	Crossover T568A-T568B	=	4	Red	=	02	1 ft (0.3 m)	=	001
			10GX Bonded-Pair, Solid, CMP	=	22	Crossover IEEE	=	5	Yellow	=	04	2 ft (0.6 m)	=	002
CAT6+	=	C6	C6/5 Bonded-Pair, Solid, CMR	=	01	Rollover	=	6	Purple	=	07	3 ft (0.9 m)	=	003
CAT5E	=	C5	C6/5 Bonded-Pair, Solid, CMP	=	02							4 ft (1.2 m)	=	004
												5 ft (1.5 m)	=	005
												6 ft (1.8 m)	=	006
												7 ft (2.1 m)	=	007
												8 ft (2.4 m)	=	008
												9 ft (2.7 m)	=	009
												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

10GX Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels

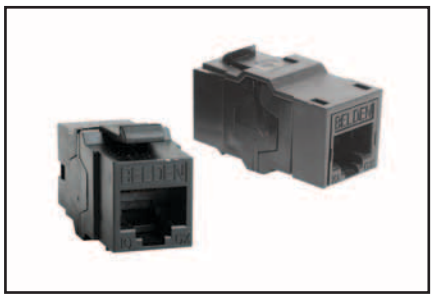


10GX Pre-Terminated Cable Assemblies

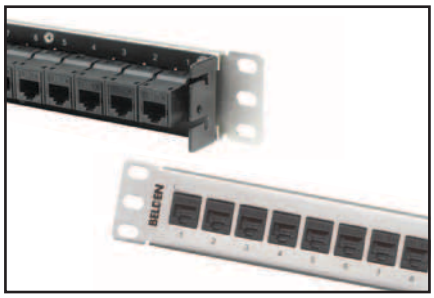
The 10GX Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6A performance and headroom, without the need for tradeoffs or compromise in performance and reliability. Bringing a new level of ease and convenience to cabling system design, ordering and installation, 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-FleX design ensures controlled plug/jack mated connection on both sides of the coupler to provide an uninterrupted electrical path for superior connector reliability and transmission performance.

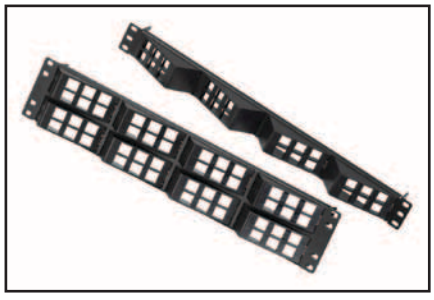
With simple planning, easy ordering and rapid delivery, the 10GX Pre-Terminated Cabling System can reduce installation time and labor costs by as much as 90 percent. In addition, this "green" system provides for plug-and-play installation and component reusability, resulting in lower installed cost and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



10GX RJ45 Coupler



10GX KeyConnect Patch Panels (Preloaded)



KeyConnect AngleFlex Patch Panels (Empty)

Ordering Information

Description	Belden Part Number		
	Black	Blue	White
10GX Pre-Terminated Cabling System			
10GX Pre-Terminated Cable Assembly, Bonded-Pair, 4-pair, 23 AWG Solid, T568A/B-T568A/B, 6 Cables			
CMR	CA21100025A06	CA21106025A06	CA21109025A06
	CA21100050A06	CA21106050A06	CA21109050A06
	CA21100xxxA06	CA21106xxxA06	CA21109xxxA06
CMP	CA22100xxxA06	CA22106xxxA06	CA22109xxxA06

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

Description	Belden Part Number
10GX KeyConnect Coupler Patch Panels (Preloaded)	
10GX KeyConnect Coupler Patch Panel, 24-port, 1U, Titanium (Preloaded)	AX104141
10GX KeyConnect Coupler Patch Panel, 48-port, 2U, Titanium (Preloaded)	AX104142
10GX KeyConnect Coupler Patch Panel, 48-port, 1U, Titanium (Preloaded)	AX104592
10GX AngleFlex Coupler Patch Panel, 24-port,1U, Black (Preloaded)	AX104569
10GX AngleFlex Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	AX104571
KeyConnect Modular Patch Panels (Empty)	
KeyConnect Modular Patch Panel, 24-port, 1U, Black (Empty)	AX103114
KeyConnect Modular Patch Panel, 48-port, 2U, Black (Empty)	AX103115
KeyConnect Modular Patch Panel, 72-port, 2U, Black (Empty)	AX103116
KeyConnect Modular Patch Panel, 48-port, 1U, Black (Empty)	AX103121
AngleFlex Modular Patch Panels (Empty)	
KeyConnect AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	AX103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	AX103249
10GX KeyConnect RJ45 Coupler	
Orange	AX104015
Red	AX104016
Yellow	AX104017
Green	AX104018
Blue	AX104019
White	AX104023
Black	AX104024

Complete the 10GX Pre-Terminated System with 10GX Modular Cords, see page 12 for ordering information.

10GX IDC System

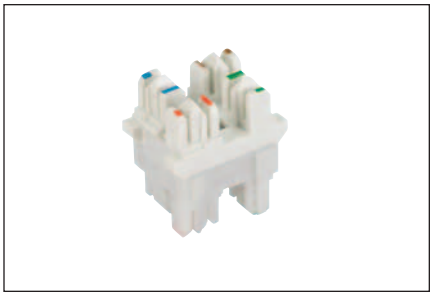
Connecting Components, Accessories, X-Connect Cable

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.

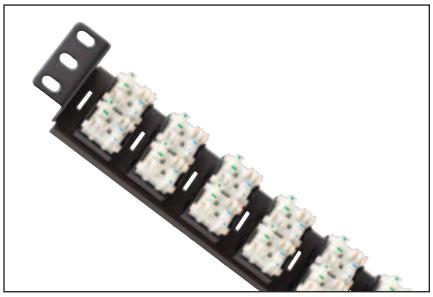
The 10GX IDC System is extremely flexible in that it accommodates the configuration of large cross-connect systems and the configuration of interconnect systems within racks. Because of its modularity, the system also accommodates future moves, adds and changes (MACs) with ease.

Ordering Information

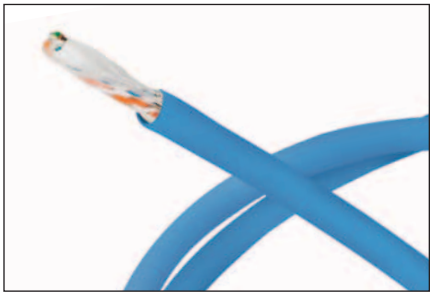
Description	Belden Part Number
10GX IDC System	
10GX IDC Patch Panel Components	
10GX IDC Patch Panel, 24-port, 1U, Black (Empty)	**AX104138**
10GX IDC Connector (24 units/pkg)	**AX104139**
10GX IDC Block Front (100 units/pkg)	**AX102679**
10GX IDC Block Rear (100 units/pkg)	**AX102680**
10GX IDC Accessories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



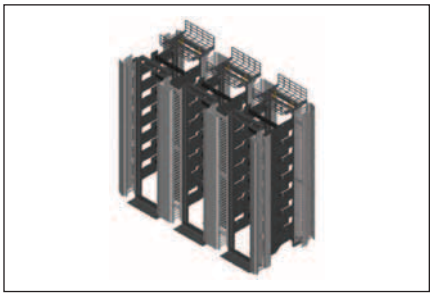
10GX IDC Connector



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



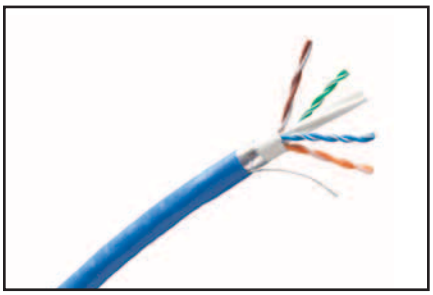
10GX IDC X-Connect Cable



10GX IDC Frame

10GX Shielded System Cable, Category 6A

Nonbonded-Pair and Bonded-Pair



10GX Shielded System Cable

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 IBDN 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)
- Power Over Ethernet Plus - 2 pairs, up to 30 Watts or 4-pairs, up to 60 Watts (IEEE 802.3at)
- Power Over Ethernet - 2 pairs, up to 12.95 Watts (IEEE 802.3af)
- Broadband Video (CATV) and High Speed Internet (DOCSIS) over UTP up to 860 MHz
- High Temperature performance up to 50°C without length de-rating for 1000BASE-T and 100BASE-TX

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
10GX Shielded System Cable					
10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6A, F/UTP					
10GX52F 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX52F 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX52F 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX52F 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX52F 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6A, F/UTP					
10GX53F 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX53F D151000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX53F 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX53F 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX53F 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6A, F/UTP					
10GX54F 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6A, F/UTP					
10GX62F 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX62F 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX62F 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX62F 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX62F 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6A, F/UTP					
10GX63F 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX63F D151000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX63F 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX63F 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX63F 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
10GX, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6A, F/UTP					
10GX64F 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)

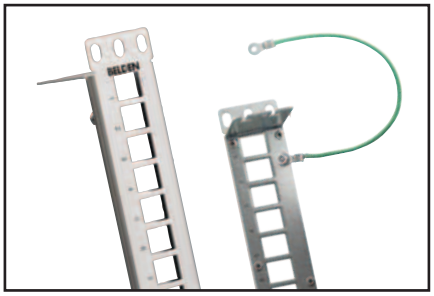
10GX Shielded System (continued)

KeyConnect Patch Panels, Modular Jacks and Cords

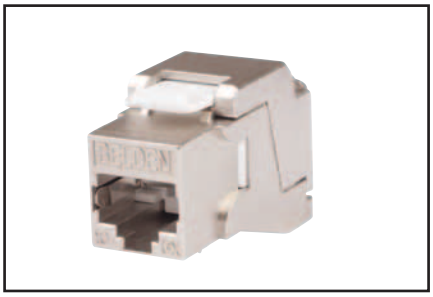
KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. They come with a ground wire to guarantee shielding integrity (per TIA-607-B) and cable management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

The 10GX Shielded KeyConnect Jack is a rugged tool-less connector designed to be used within the Belden IBDN 10GX Shielded System. Its 2-piece die-cast housing and its shielding lug provide a reliable shield and 360 degree durable bonding to the cable foil.

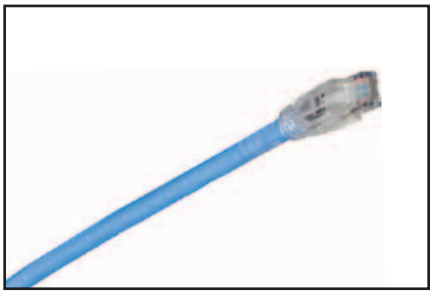
10GX Modular Cord are designed around a patent pending plug management bar design which allows for very good control of the internal plug NEXT. The cord design offers excellent alien crosstalk performance, while maintaining flexibility. The system's unmatched performance exceeds all parameters specified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



10GX Shielded Modular Patch Panel (Empty)



10GX Shielded KeyConnect Modular Jack



10GX Shielded Modular Cord

Ordering Information

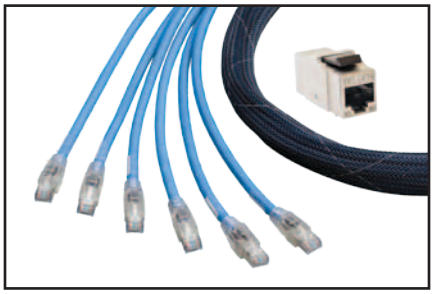
Description	Belden Part Number
KeyConnect Shielded Patch Panels	
KeyConnect Shielded Modular Patch Panel (Empty)	
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	**AX104563**
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	**AX104564**
10GX Shielded Modular Jacks	
10GX Shielded Modular Jacks	
10GX Shielded KeyConnect Modular Jack, Metallic	**AX104562**

Description	Belden Part Number			
	Black	Blue	Gray	White
10GX Shielded Modular Cords				
10GX Shielded Patch Cords, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B–T568A/B, CMR				
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**
xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft				
10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568A–Open, CMR				
15 ft (4.6 m)	**CAF1200015**	**CAF1206015**	**CAF1208015**	**CAF1209015**
25 ft (7.6 m)	**CAF1200025**	**CAF1206025**	**CAF1208025**	**CAF1209025**
xxx	**CAF1200xxx**	**CAF1206xxx**	**CAF1208xxx**	**CAF1209xxx**
10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568B–Open, CMR				
15 ft (4.6 m)	**CAF1300015**	**CAF1306015**	**CAF1308015**	**CAF1309015**
25 ft (7.6 m)	**CAF1300025**	**CAF1306025**	**CAF1308025**	**CAF1309025**
xxx	**CAF1300xxx**	**CAF1306xxx**	**CAF1308xxx**	**CAF1309xxx**
10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568A–Open, CMP				
15 ft (4.6 m)	**CAF2200015**	**CAF2206015**	**CAF2208015**	**CAF2209015**
25 ft (7.6 m)	**CAF2200025**	**CAF2206025**	**CAF2208025**	**CAF2209025**
xxx	**CAF2200xxx**	**CAF2206xxx**	**CAF2208xxx**	**CAF2209xxx**
10GX Shielded Pigtails, Bonded-Pair, 4-pair, 24 AWG Solid, T568B–Open, CMP				
15 ft (4.6 m)	**CAF2300015**	**CAF2306015**	**CAF2308015**	**CAF2309015**
25 ft (7.6 m)	**CAF2300025**	**CAF2306025**	**CAF2308025**	**CAF2309025**
xxx	**CAF2300xxx**	**CAF2306xxx**	**CAF2308xxx**	**CAF2309xxx**
xxx = available 6 ft to 50 ft in increments of 1 ft, 55 ft to 295 ft in increments of 5 ft				

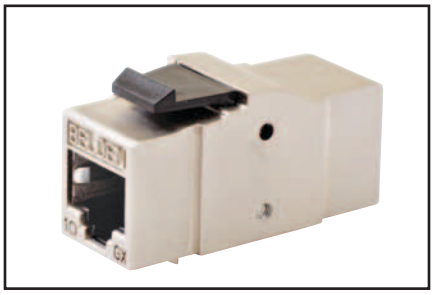
Please see page 18 for 10GX Shielded Patch Cord part numbers

10GX Shielded Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels, Cords



10GX Shielded Pre-Terminated Cable System



10GX Shielded KeyConnect RJ45 Coupler

The 10GX Shielded Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6A performance and headroom, without the need for tradeoffs or compromise in performance and reliability. Bringing a new level of ease and convenience to cabling system design, ordering and installation, the system allows users to deploy their high-performance 10 Gigabit networks with optimal speed and efficiency. Proven modular components are the cornerstone of the system. These include the 10GX Shileded 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 unfailing 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.

Ordering Information

Description	Belden Part Number			
	Black	Blue	Gray	White
10GX Shielded Pre-Terminated Cabling System				
10GX Shielded Cable Assembly, Bonded Pair, 4-pair, 23 AWG Solid, T568A/B—T568A/B, 6 Cables, CMR				
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
10GX Shielded Cable Assembly, Bonded Pair, 4-pair, 23 AWG Solid, T568A/B—T568A/B, 6 Cables, CMP				
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 Shielded Patch Cords, Bonded-Pair, 24 AWG Solid, T568A/B—T568A/B, CMR				
2 ft (0.6 m)	CAF1100002	CAF1106002	CAF1108002	CAF1109002
4 ft (2.1 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

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft

Description	Belden Part Number
10GX KeyConnect Shielded RJ45 Coupler	
10GX KeyConnect Shielded RJ45 Coupler	AX104501
KeyConnect Shielded Patch Panels (Empty)	
KeyConnect Shielded Modular Patch Panel, 24-ports, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Modular Patch Panel, 48-ports, 2U, Titanium (Empty)	AX104564

SFP+ Direct Attached Cables
Cable Assemblies

Belden SFP+ Direct Attached Cables offer the smallest 10 gigabit form factor and a small overall cable diameter for higher density and optimized rack space in 10 gigabit Ethernet (GbE) uplinks and 10 gigabit Fiber Channel SAN and NAS input/output connections. The use of SFP+ Direct Attached Cables can cost up to three times less than fiber optic solutions, while offering lower latency and consuming up to 50% less power per port than current copper twisted-pair cabling systems.

Becoming increasingly popular for short distance top-of-rack (ToR) and middle-of-row (MoR) Data Center deployments, and expected to account for over 40% of 10 gigabit equipment ports, SFP+ Direct Attached Cables also provide enhanced scalability and flexibility. By connecting several servers or storage devices together in a single rack, the use of intermediate patch panels is eliminated and cabling outside of the rack is limited to the main switch connection, making it easy to move racks, deploy one rack at a time and isolate cabling changes to a single rack.

Offered in 1-foot increments and manufactured using Belden's Lightskew™ Series twinax cables, Belden SFP+ Direct Attached Cables provide better cable management for high-density deployments and enhanced electrical characteristics for the most reliable signal transmission.

- Supports 10 Gb/s data rates with backwards compatibility to 1 Gb/s
- Supports 8x/4x/2x/1x Fibre Channel data rates for SANs and NAS
- Compliant with the latest SFF-8431 specifications
- Passive assemblies available in 1-foot increments from 2 to 23 ft (0.6 to 7 m)
- Active assemblies available in 2-foot increments from 25 to 49 ft (7.3 to 15 m)
- Connector cage designed for high-speed differential signaling
- Easy pull-to-release latching mechanism
- Extremely short lead times on all passive assemblies
- Backed by superior support and a 10-year product warranty

SFP+ Cable Assembly

Ordering Information

Description	Length	Belden Part Number
SFP+ Direct Attached Cables		
SFP+ Passive Cable Assembly, SFP+/SFP+, 10G		
30 AWG, Black	2 ft (0.6 m)	**SSFPP-P0002F**
30 AWG, Black	4 ft (1.2 m)	**SSFPP-P0004F**
30 AWG, Black	7 ft (2.1 m)	**SSFPP-P0007F**
30 AWG, Black	10 ft (3.0 m)	**SSFPP-P0010F**
24 AWG, Black	15 ft (4.6 m)	**SSFPP-P0015F**
24 AWG, Black	20 ft (6.1 m)	**SSFPP-P0020F**
24 AWG, Black	23 ft (7.0 m)	**SSFPP-P0023F**
SFP+ Cables Assemblies are available from 2 ft to 23 ft (0.6 m to 7 m) in 1ft increments		
SFP+ Active Cable Assembly, SFP+/SFP+, 10G		
24 AWG, Black	25 ft (7.6 m)	**SSFPP-A0025F**
24 AWG, Black	49 ft (15.9 m)	**SSFPP-A0049F**
SFP+ Active Cables Assemblies are available from 25 ft to 49 ft (7.6 m to 15.9 m) in 2ft increments		

SECTION TWO

IBDN Category 6+ Systems

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Belden offers three beyond-standards Category 6 copper systems to support a variety of price-performance ratios, applications, environments and operational life spans—IBDN 4800 System, IBDN 3600 System and IBDN 2400 System. Each IBDN 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.

IBDN 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.

IBDN 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, IBDN 3600 System offers headroom beyond the TIA/EIA Category 6 standard.

IBDN 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 IBDN GigaBIX Category 6 Cross-Connect System offers easy installation and cable management for high-density applications.

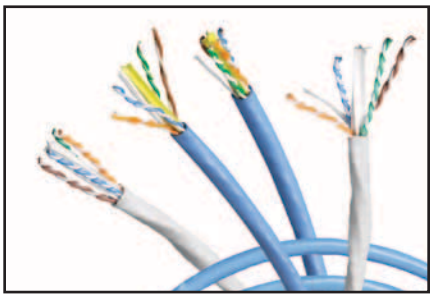
With DataTwist 2400 Shielded Cables, Shielded Patch Panels and CAT6+ Shielded Modular Jacks and Cords, Belden also offers an end-to-end Category 6 shielded system that provides better noise immunity to improve data throughput in harsh EMI environments.

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.



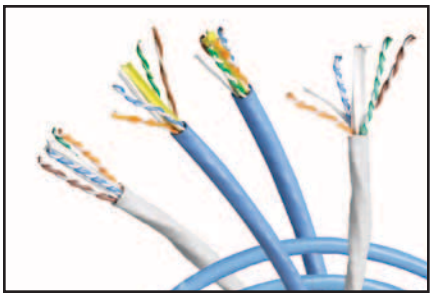
DataTwist 4800 UTP Cable

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 4800 UTP Cable					
DataTwist 4800, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
4812 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
4812 009A1000	White	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
4812 0021000	Red	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0041000	Yellow	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0051000	Green	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0061000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0081000	Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4812 0062500	Blue	762 m (2500 ft)	Spool	15 spools/pallet	11437 m (37500 ft)
DataTwist 4800, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6					
4813 D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
4813 009A1000	White	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
4813 0041000	Yellow	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 0051000	Green	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 0081000	Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 0101000	Black	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 D151000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
4813 0092500	White	762 m (2500 ft)	Spool	18 spools/pallet	13725 m (45000 ft)
DataTwist 4800, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
4824 0071000	Purple	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)

DataTwist 4800 UTP Cable, Category 6 (continued)

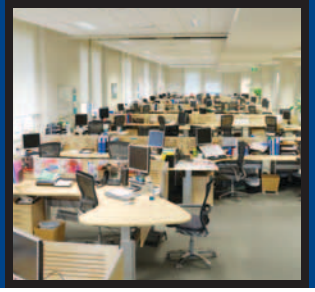
Nonbonded-Pair and Bonded-Pair



DataTwist 4800 UTP Cable

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 4800 UTP Cable					
DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
7851A 002A1000	Red	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 005A1000	Green	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 009A1000	White	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 010A1000	Black	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 0021000	Red	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0031000	Orange	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0061000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A F6H1000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7851A 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6					
7852A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7852A 005A1000	Green	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7852A D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7852A 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7852A 009A1000	White	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7852A 0021000	Red	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A D151000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
7852A 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
7851NH E4XA1000	Gray	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851NH E4X1000	Gray	305 m (1000 ft)	Spool	24 spools/pallet	7320 m (24000 ft)



DataTwist 3600 Cable, Category 6

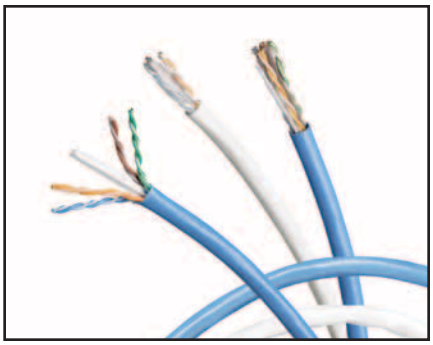
Nonbonded-Pair and Bonded-Pair

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 IBDN 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.

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 23 AWG conductors are ideal for PoE and PoE+ applications



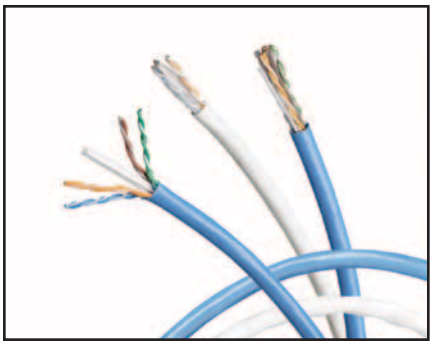
DataTwist 3600 Cable

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 3600 UTP Cable					
DataTwist 3600, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
3612 006U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3612 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3612 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3612 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3612 0041000	Yellow	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0051000	Green	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0061000	Blue	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0081000	Gray	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0091000	White	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0101000	Black	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3612 0042500	Yellow	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3612 0062500	Blue	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3612 0092500	White	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
DataTwist 3600, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6					
3613 D15U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3613 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3613 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3613 002A1000	Red	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 012A1000	Pink	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3613 0031000	Orange	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0041000	Yellow	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0051000	Green	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 D151000	Blue	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0081000	Gray	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0091000	White	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0101000	Black	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3613 0042500	Yellow	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3613 0052500	Green	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3613 D152500	Blue	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3613 0092500	White	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)
3613 0102500	Black	762 m (2500 ft)	Spool	20 spools/pallet	15250 m (50000 ft)

DataTwist 3600 Cable, Category 6 (continued)

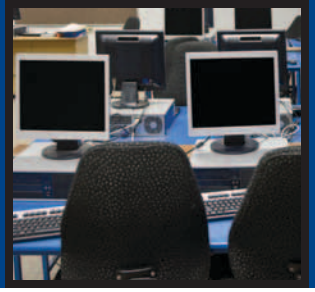
Nonbonded-Pair and Bonded-Pair



DataTwist 3600 Cable

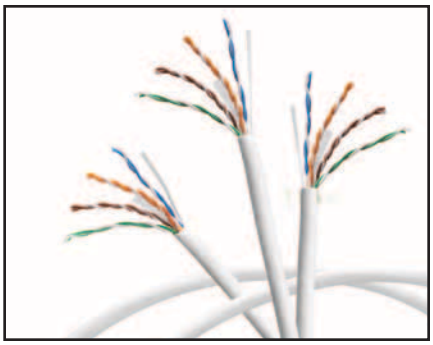
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 3600 UTP Cable					
DataTwist 3600, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
3624 0061000	Blue	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3624 0071000	Purple	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
3632 006U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3632 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3632 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3632 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3632 0041000	Yellow	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3632 0051000	Green	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3632 0061000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3632 0081000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3632 0091000	White	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3632 0101000	Black	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, CMP, Category 6					
3633 D15U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3633 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3633 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
3633 002A1000	Red	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
3633 0021000	Red	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0031000	Orange	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0041000	Yellow	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0051000	Green	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 D151000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0081000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0091000	White	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3633 0101000	Black	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
DataTwist 3600, Bonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
3644 0061000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
3644 0071000	Purple	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)



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 IBDN 2400 System, the channel provides at least 250 MHz of bandwidth.



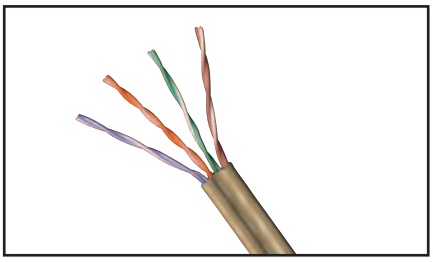
DataTwist 2400 Cable

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 2400 UTP Cable					
DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
2412 006U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2412 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2412 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2412 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 005A1000	Green	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 009A1000	White	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 010A1000	Black	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2412 0041000	Yellow	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0051000	Green	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0061000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0081000	Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0101000	Black	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
2412 0042500	Yellow	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2412 0062500	Blue	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2412 0092500	White	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6					
2413 D15U1000	Blue	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2413 008U1000	Gray	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2413 009U1000	White	305 m (1000 ft)	UnReel Box	27 boxes/pallet	8235 m (27000 ft)
2413 002A1000	Red	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 005A1000	Green	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 009A1000	White	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 010A1000	Black	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 012A1000	Pink	305 m (1000 ft)	Spool-in-Box	45 boxes/pallet	13725 m (45000 ft)
2413 0031000	Orange	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0041000	Yellow	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0051000	Green	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 D151000	Blue	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0081000	Gray	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0091000	White	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0101000	Black	305 m (1000 ft)	Spool	60 spools/pallet	18300 m (60000 ft)
2413 0042500	Yellow	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2413 0052500	Green	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2413 D152500	Blue	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2413 0092500	White	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
2413 0102500	Black	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
2424 0071000	Purple	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)

MediaTwist UTP Cable, Category 6

Bonded-Pair

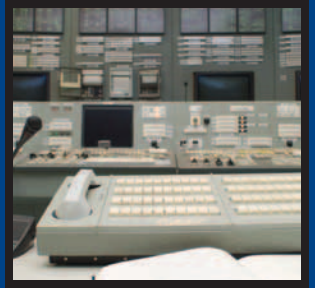


MediaTwist Cable

MediaTwist, part of the IBDN 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.

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
MediaTwist UTP Cable					
MediaTwist, Bonded-Pair, 23 AWG, CMR, Category 6					
1872A 002A1000	Red	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 0021000	Red	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0031000	Orange	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0041000	Yellow	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0051000	Green	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0061000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0071000	Purple	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A F6H1000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0091000	White	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1872A 0101000	Black	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
MediaTwist, Bonded-Pair, 23 AWG, CMP, Category 6					
1874A 002A1000	Red	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A F6HA1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 009A1000	White	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 010A1000	Black	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 877A1000	Natural	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1874A 0021000	Red	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0031000	Orange	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0041000	Yellow	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0051000	Green	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A D151000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0071000	Purple	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A F6H1000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0091000	White	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 0101000	Black	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1874A 8771000	Natural	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)



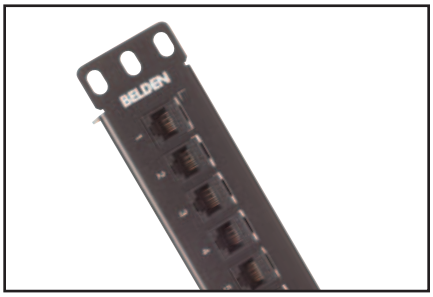
KeyConnect Patch Panels, Category 6
Preloaded and Modular

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. Both preloaded versions are available with 2 different alternate cable management and labeling options. The -SCM option has shorter cable management brackets and a cable support bar along the back of the panel. It also comes with clear ID tubes to label the ports. The -LCM option is similar but has regular size cable management brackets. The modular KeyConnect Patch Panels are available in 24-port/1U, 48-port/2U, 72-port/2U and 48-port/ 1U configurations.

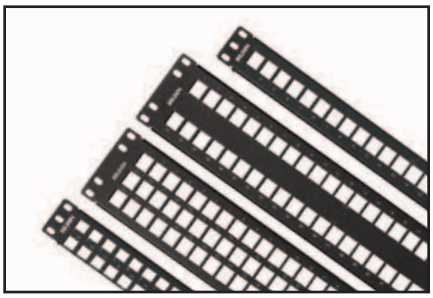
The KeyConnect Patch Panel series also includes the unique AngleFlex Patch Panel available in 24-port/1U and 48-port/2U configurations. Patent-pending removable angled inserts provide intuitive left, right or bi-directional patch cord routing and more efficient switch connection. Angled inserts eliminate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

The KeyConnect and AngleFlex panels can be configured using CAT6+ KeyConnect Modular Jacks or Multimedia Modules.

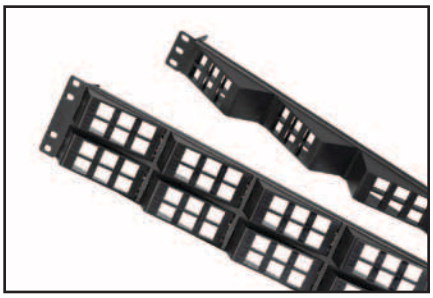
The Flex Patch Panel series is available in 24-port/1U and 48-port/2U configurations, and is designed to be populated using MDVO-Style CAT6+ Modular Jacks or Multimedia Modules.



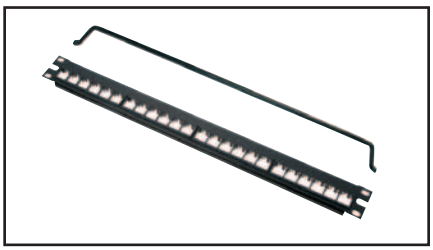
CAT6+ KeyConnect Patch Panels (Preloaded)



KeyConnect Patch Panels (Empty)



AngleFlex Patch Panels



Flex Patch Panel (Empty)

Ordering Information

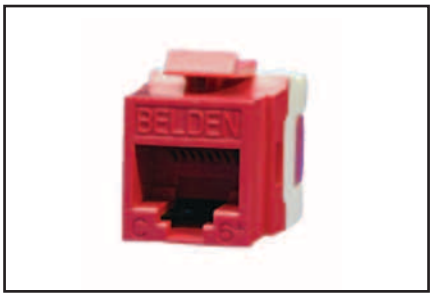
Description	Belden Part Number
CAT6+ Patch Panels	
CAT6+ KeyConnect Patch Panels (Preloaded)	
24-port, 1U, Standard Cable Management	**AX103253**
24-port, 1U, Short Cable Management	**AX103253-SCM**
24-port, 1U, Long Cable Management	**AX103253-LCM**
48-port, 2U, Standard Cable Management	**AX103255**
48-port, 2U, Short Cable Management	**AX103255-SCM**
48-port, 2U, Long Cable Management	**AX103255-LCM**
KeyConnect Patch Panels (Empty)	
24 port, 1U, Standard Cable Management	**AX103114**
48 port, 1U, Standard Cable Management	**AX103121**
48 port, 2U, Standard Cable Management	**AX103115**
72 port, 2U, Standard Cable Management	**AX103116**
AngleFlex Modular Patch Panels (Empty)	
AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	**AX103248**
AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	**AX103249**

Modular Patch Panels MDVO-Style

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

CAT6+ Modular Jacks
KeyConnect and MDVO-Style

KeyConnect Modular Jacks



CAT6+ KeyConnect Modular Jack

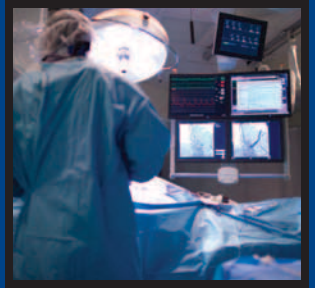
The CAT6+ Modular Jack is a punch down UTP connector based on a patented Encapsulated Lead Frame technology that ensures excellent long-term reliability as well as extremely stable transmission performance. They are designed to be used within the Belden IBDN 4800, 3600 and 2400 Systems. The Beyond Category 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.

Ordering Information

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
CAT6+ Module		
CAT6+ Modular Jacks		
Gray	**AX101318**	**AX101063**
Almond	**AX101319**	**AX101064**
White	**AX101320**	**AX101065**
Black	**AX101321**	**AX101066**
Orange, TIA 606	**AX101322**	**AX101067**
Red, TIA 606	**AX101323**	**AX101068**
Yellow, TIA 606	**AX101324**	**AX101069**
Green, TIA 606	**AX101325**	**AX101070**
Blue, TIA 606	**AX101326**	**AX101071**
Purple, TIA 606	**AX101327**	**AX101072**
Brown, TIA 606	**AX101328**	**AX101073**
Ivory	**AX103076**	**AX102563**
Orange*	**AX104189**	—
Red*	**AX104190**	—
Yellow*	**AX104191**	—
Green*	**AX104192**	—
Blue*	**AX104193**	—
Purple*	**AX104194**	—
Brown*	**AX104195**	—

* Only available in KeyConnect-Style



CAT6+ Modular Cords

Bonded-Pair Patch Cords and Nonbonded-Pair Pigtails

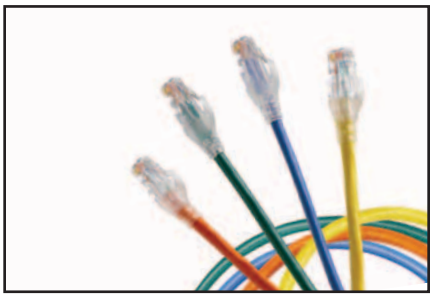
The CAT6+ Series of Bonded-Pair Patch Cords are made with Belden's patented robust design Bonded-Pair cables. These modular cords offer the best combination of transmission performance and physical integrity.

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+ Bonded-Pair Patch Cord

Ordering Information

CAT6+ Modular Cords

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
CAT6+ Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR						
2 ft (0.6 m)	C601104002	C601105002	C601106002	C601108002	C601109002	C601100002
4 ft (1.2 m)	C601104004	C601105004	C601106004	C601108004	C601109004	C601100004
7 ft (2.1 m)	C601104007	C601105007	C601106007	C601108007	C601109007	C601100007
10 ft (3.0 m)	C601104010	C601105010	C601106010	C601108010	C601109010	C601100010
15 ft (4.6 m)	C601104015	C601105015	C601106015	C601108015	C601109015	C601100015
25 ft (7.6 m)	C601104025	C601105025	C601106025	C601108025	C601109025	C601100025
xxx	C601104xxx	C601105xxx	C601106xxx	C601108xxx	C601109xxx	C601100xxx

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft

CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMR						
15 ft (4.6 m)	—	—	C631206015	C631208015	C631209015	—
25 ft (7.6 m)	—	—	C631206025	C631208025	C631209025	—
35 ft (10.6 m)	—	—	C631206035	C631208035	C631209035	—
50 ft (15.2 m)	—	—	C631206050	C631208050	C631209050	—
xxx	—	—	C631206xxx	C631208xxx	C631209xxx	—
CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMR						
15 ft (4.6 m)	—	—	C631306015	C631308015	C631309015	—
25 ft (7.6 m)	—	—	C631306025	C631308025	C631309025	—
35 ft (10.6 m)	—	—	C631306035	C631308035	C631309035	—
50 ft (15.2 m)	—	—	C631306050	C631308050	C631309050	—
xxx	—	—	C631306xxx	C631308xxx	C631309xxx	—
CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A-Open, CMP						
15 ft (4.6 m)	—	—	C632206015	C632208015	C632209015	—
25 ft (7.6 m)	—	—	C632206025	C632208025	C632209025	—
35 ft (10.6 m)	—	—	C632206035	C632208035	C632209035	—
50 ft (15.2 m)	—	—	C632206050	C632208050	C632209050	—
xxx	—	—	C632206xxx	C632208xxx	C632209xxx	—
CAT6+ Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568B-Open, CMP						
15 ft (4.6 m)	—	—	C632306015	C632308015	C632309015	—
25 ft (7.6 m)	—	—	C632306025	C632308025	C632309025	—
35 ft (10.6 m)	—	—	C632306035	C632308035	C632309035	—
50 ft (15.2 m)	—	—	C632306050	C632308050	C632309050	—
xxx	—	—	C632306xxx	C632308xxx	C632309xxx	—

xxx = available 6 ft to 50 ft in increments of 1 ft, 55 ft to 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 13 for the Modular Cord Configuration Matrices.

3600 Pre-Terminated Cabling System

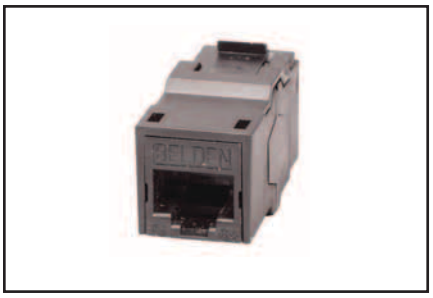
Cable Assemblies, Couplers, Patch Panels

3600 Pre-Terminated Cable Assembly

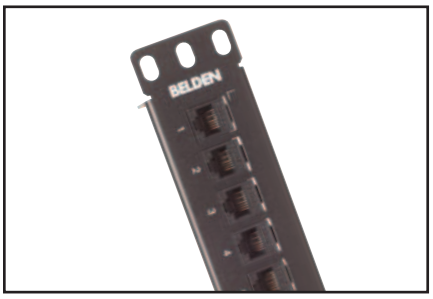
Belden's 3600 Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6 performance and headroom, without the need for tradeoffs or compromise in performance and reliability. Bringing a new level of ease and convenience to cabling system design, ordering and installation, 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.

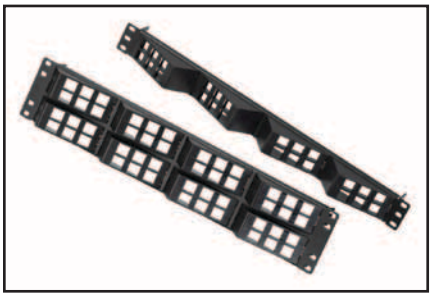
With simple planning, easy ordering and rapid delivery, the 3600 Pre-Terminated Cabling System can reduce installation time and labor costs by as much as 90 percent. In addition, this "green" system provides for plug-and-play installation and component reusability, resulting in lower installed cost and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



CAT6+ RJ45 Coupler



CAT6+ KeyConnect Coupler Patch Panel (Preloaded)



AngleFlex Patch Panels (Empty)

Ordering Information

Description	Belden Part Number		
	Black	Blue	White
3600 Pre-Terminated Cabling System			
3600 Pre-Terminated Cable Assembly, Bonded-Pair, 4-pair, 23 AWG Solid, T568A/B-T568A/B, 6 Cables			
CMR	**C601100015A06**	**C601106015A06**	**C601109015A06**
	C601100025A06	**C601106025A06**	**C601109025A06**
	C601100035A06	**C601106035A06**	**C601109035A06**
	C601100050A06	**C601106050A06**	**C601109050A06**
	C601100xxxA06	**C601106xxxA06**	**C601109xxxA06**
CMP	**C602100015A06**	**C602106015A06**	**C602109015A06**
	C602100025A06	**C602106025A06**	**C602109025A06**
	C602100035A06	**C602106035A06**	**C602109035A06**
	C602100050A06	**C602106050A06**	**C602109050A06**
	C602100xxxA06	**C602106xxxA06**	**C602109xxxA06**

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

Description	Belden Part Number
CAT6+ KeyConnect Coupler Patch Panels (Preloaded)	
CAT6+ KeyConnect Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	**AX104227**
CAT6+ KeyConnect Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	**AX104228**
CAT6+ KeyConnect Coupler Patch Panel, 48-port, 1U, Black (Preloaded)	**AX104591**
CAT6+ AngleFlex Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	**AX104568**
CAT6+ AngleFlex Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	**AX104570**
KeyConnect Modular Patch Panels (Empty)	
KeyConnect Modular Patch Panel, 24-port, 1U, Black (Empty)	**AX103114**
KeyConnect Modular Patch Panel, 48-port, 2U, Black (Empty)	**AX103115**
KeyConnect Modular Patch Panel, 72-port, 2U, Black (Empty)	**AX103116**
KeyConnect Modular Patch Panel, 48-port, 1U, Black (Empty)	**AX103121**
AngleFlex Modular Patch Panels (Empty)	
AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	**AX103248**
AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	**AX103249**
CAT6+ KeyConnect RJ45 Coupler	
Orange	**AX104206**
Red	**AX104207**
Yellow	**AX104208**
Green	**AX104209**
Blue	**AX104210**
White	**AX104214**
Black	**AX104215**

Complete the 3600 Pre-Terminated System with CAT6+ Modular Cords, see page 29 for ordering information.

GigaBIX IDC System, Category 6
Kits, Components, Patch Cords and Accessories

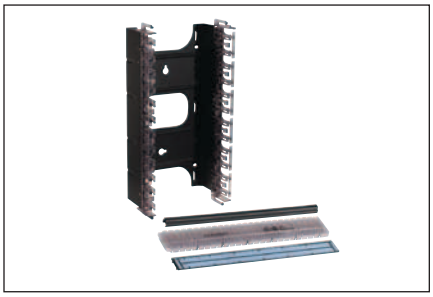
The Belden IBDN GigaBIX Cross-Connect System takes advantage of the proven reliability of BIX technology to provide high-performance connections for data networks. This uniquely designed system allows for very high termination density, while maintaining optimal ease of administration to accommodate moves,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

Advantages of the Belden IBDN 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.

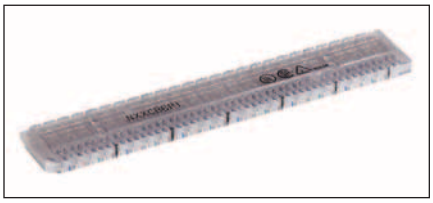
Ordering Information

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

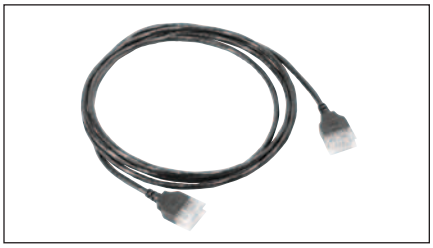
Description	Belden Part Number		
	BIX-BIX	BIX-8MOD T568A-ISDN	BIX-8MOD T568B-ALT
CAT6+ GigaBIX Patch Cords			
1.2 m (4 ft)	AX101945	AX101951	AX101957
1.8 m (6 ft)	AX101946	AX101952	AX101958
2.4 m (8 ft)	AX101947	AX101953	AX101959
3.0 m (10 ft)	AX101948	AX101954	AX101960
4.6 m (15 ft)	AX101949	AX101955	AX101961
7.6 m (25 ft)	AX101950	AX101956	AX101962



GigaBIX Termination Kit, 72-port

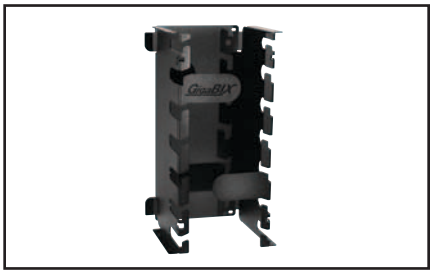


GigaBIX Connector, 6-port



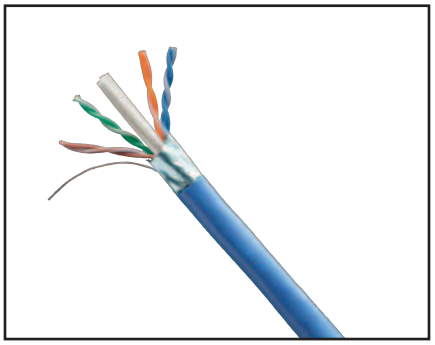
CAT6+ GigaBIX Patch Cord, BIX-BIX, 4 ft

GigaBIX Cable Management Module



GigaBIX Patch Cord Organizer

DataTwist 2400 Shielded Cable, Category 6
Nonbonded-Pair

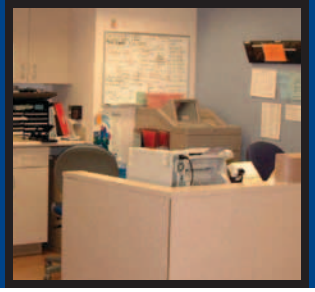


DataTwist 2400 Shielded Cable

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 IBDN 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.

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 2400 Shielded Cable					
DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6, F/UTP					
2412F 0021000	Red	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0031000	Orange	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0051000	Green	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
2412F 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6, F/UTP					
2413F 0021000	Red	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0031000	Orange	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F D151000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
2413F 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)



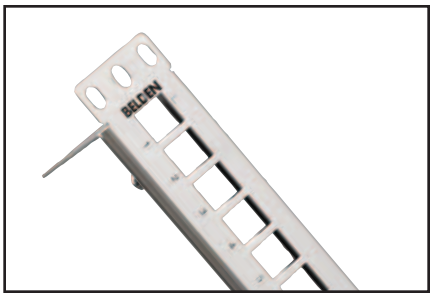
CAT6+ Shielded Patch Panels and Shielded Modular Jacks

KeyConnect and Modular

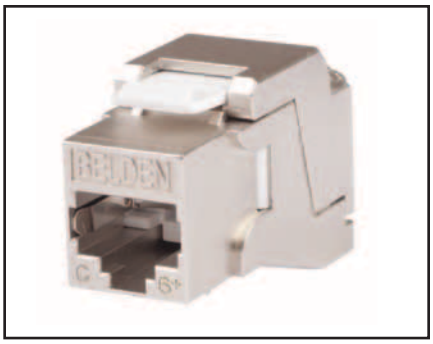
KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. The modular KeyConnect Patch Panels are available in 24-port/1U and 48-port/2U and are complete 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 CAT6+ Shielded KeyConnect Modular Jack is a rugged tool-less connector designed to be used within the Belden 2400 Shielded System. Its 2-piece die-cast housing and its shielding lug provide a reliable shield and 360 degree durable bonding to the cable foil. Its color-coded wire guide speeds up pair placement and terminates all pairs when closing the 2-piece housing.

The excellent CAT6+ performance exceeds all parameters specified in the TIA Category 6 standard. Its 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. Its keystone footprint makes it compatible with KeyConnect Shielded Patch Panels and with KeyConnect and MediaFlex Workstation Outlets.



Shielded Modular Patch Panel (Empty)



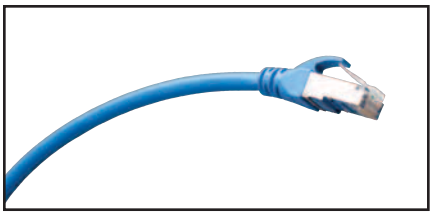
CAT6+ Shielded KeyConnect Modular Jack

Ordering Information

Description	Belden Part Number
KeyConnect Shielded Patch Panels	
KeyConnect Shielded Patch Panel (Empty)	
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	**AX104563**
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	**AX104564**
CAT6+Shielded KeyConnect Modular Jacks	
CAT6+ Shielded KeyConnect Modular Jack	
CAT6+ Shielded KeyConnect Modular Jack, Metallic	**AX104596**

CAT6+ Shielded Modular Cords

Patch Cords and Pigtails



CAT6+ Shielded Modular Cord

The CAT6+ Shielded Modular Cords are 4-pair 24 AWG F/UTP modular cords designed to be used within the Belden IBDN 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

Ordering Information

Description	Belden Part Number			
	Blue	Gray	White	Black
CAT6+ Modular Cords				
CAT6+ Shielded Modular Cords, 4-pair, 24 AWG Solid, T568A/B–T568A/B, CMR				
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
CAT6+ Shielded Pigtails, 4-pair, 24 AWG Solid, T568A–Open, CMR				
15ft (4.6 m)	C6F1206015	C6F1208015	—	—
25ft (7.6 m)	C6F1206025	C6F1208025	—	—
35ft (10.6 m)	C6F1206035	C6F1208035	—	—
50ft (15.2 m)	C6F1206050	C6F1208050	—	—
CAT6 Shielded Pigtails, 4-pair, 24 AWG Solid, T568B–Open, CMR				
15ft (4.6 m)	C6F1306015	C6F1308015	—	—
25ft (7.6 m)	C6F1306025	C6F1308025	—	—
35ft (10.6 m)	C6F1306035	C6F1308035	—	—
50ft (15.2 m)	C6F1306050	C6F1308050	—	—

SECTION THREE

IBDN Category 5e Systems

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The IBDN 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 IBDN 1200 System features several Belden innovations that ease installation and management, ensure maximum performance and support a variety of environments.

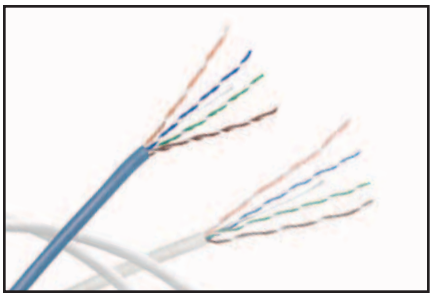
DataTwist 1200 Bonded-Pair Enhanced Category 5e Cable is available in plenum and non-plenum versions. Using patented Bonded-Pair technology, DataTwist 1200 cable offers superior electrical performance that exceeds Category 5e performance.

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.

DataTwist 1200 Cable, Category 5e
Nonbonded-Pair



DataTwist 1200 UTP Cable

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 IBDN 1200 System, the channel provides 160 MHz of bandwidth.

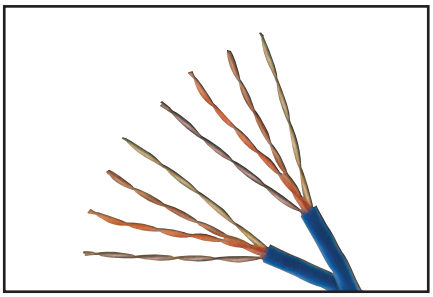
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 1200 UTP Cable					
DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e					
1212 003U1000	Orange	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 004U1000	Yellow	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 005U1000	Green	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 006U1000	Blue	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 008U1000	Gray	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 009U1000	White	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 010U1000	Black	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1212 0061000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1212 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1212 0062500	Blue	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e					
1213 003U1000	Orange	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 004U1000	Yellow	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 005U1000	Green	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 D15U1000	Blue	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 007U1000	Purple	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 008U1000	Gray	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 009U1000	White	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 010U1000	Black	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 012U1000	Pink	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)
1213 D151000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213 D152500	Blue	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
1213 0092500	White	762 m (2500 ft)	Spool	27 spools/pallet	20587 m (67500 ft)
DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, LSZH, Category 5e					
1224 007U1000	Purple	305 m (1000 ft)	Box	45 boxes/pallet	13725 m (45000 ft)

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 Bonded-Pair

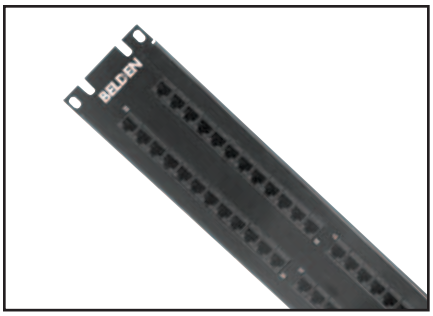
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Per Pallet
DataTwist 1200 (DT350) UTP Cable					
DataTwist 1200, Bonded-Pair, 4-pair, 24 AWG, CMR, Category 5e					
1700A 002U1000	Red	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 003U1000	Orange	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 005U1000	Green	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 006U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A B02U1000	Purple	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A F2VU1000	Lt. Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 008U1000	Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 010U1000	Black	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1700A 0021000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0031000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0041000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0051000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0061000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A B021000	Purple	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A F2V1000	Lt. Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0081000	Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1700A 0101000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
DataTwist 1200, Bonded-Pair, 4-pair, 24 AWG, CMP, Category 5e					
1701A 002U1000	Red	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 003U1000	Orange	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 005U1000	Green	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A D15U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A B02U1000	Purple	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 008U1000	Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 010U1000	Black	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 877U1000	Natural	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701A 0021000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0031000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0041000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0051000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A D151000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A B021000	Purple	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0081000	Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 0101000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701A 8771000	Natural	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
DataTwist 1200, Bonded-Pair, Banana Peel, CMR, Enhanced Category 5e, 6-pack					
1700S6 006500	Blue	152 m (500 ft)	Spool	6 spools/pallet	915m (3000 ft)
1700S6 F2V500	Lt. Gray	152 m (500 ft)	Spool	6 spools/pallet	915m (3000 ft)
1700S6 0061000	Blue	305 m (1000 ft)	Spool	3 spools/pallet	915m (3000 ft)
1700S6 F2V1000	Lt. Gray	305 m (1000 ft)	Spool	3 spools/pallet	915m (3000 ft)
DataTwist 1200, Bonded-Pair, Banana Peel, CMP, Enhanced Category 5e, 6-pack					
1701S6 D15500	Blue	152 m (500 ft)	Spool	6 spools/pallet	915m (3000 ft)
1701S6 D151000	Blue	305 m (1000 ft)	Spool	3 spools/pallet	915m (3000 ft)

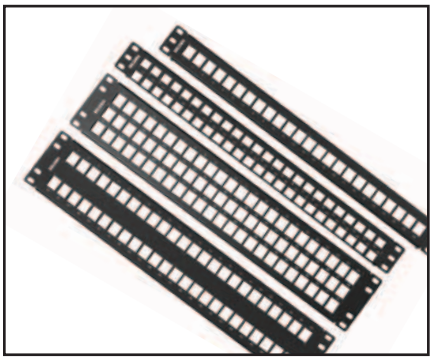
Alternative colors, lengths and packaging are available, please contact Customer Service for more details.

KeyConnect Patch Panels, Category 5e

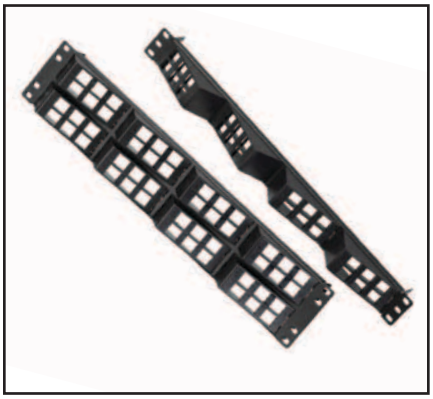
Preloaded and Modular



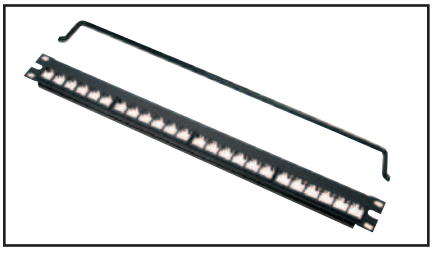
CAT5E HD Patch Panels



KeyConnect Patch Panels (Empty)



AngleFlex Patch Panels



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

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 IBDN 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. These panels can be configured using any KeyConnect UTP or Multimedia Modules.

Ordering Information

Description	Belden Part Number
CAT5E HD Patch Panels	
CAT5E HD Patch Panels (Preloaded)	
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**
CAT5E Ultra High-Density Patch Panel (Preloaded)	
CAT5E Ultra High-Density Patch Panel, 48-port, 1U, Black (Preloaded)	**AX103262**
KeyConnect Modular Patch Panels (Empty)	
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**
AngleFlex Patch Panels (Empty)	
AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	**AX103248**
AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	**AX103249**

Modular Patch Panels MDVO-Style

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

Patch Panels, Category 5e (continued)

HD Patch Boxes

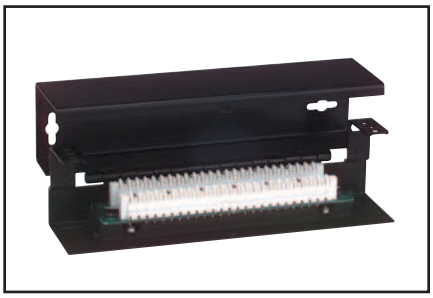
The CAT5E HD Patch Boxes are available in BIX and 110 configurations and hold one 12-port universal connector module in a compact and robust metal enclosure. The patch box features a hinged cover and support brackets to secure cables and maintain patch cord bend radius.

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.

Ordering Information

Description	Belden Part Number
CAT5E Patch Boxes	
CAT5E HD and MDVO Patch Boxes	
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**
CAT5E HD Replacement Modules	
CAT5E HD-BIX Replacement Module	**AX100458**
CAT5E HD-110 Replacement Module	**AX100461**

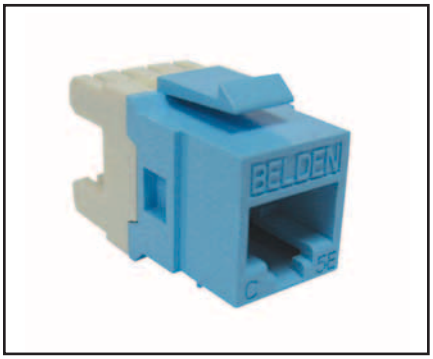
CAT5E HD Patch Box, Closed



HD Patch Box, Open

MDVO Patch Box

CAT5E Modular Jacks
KeyConnect and MDVO-Style



CAT5E KeyConnect Modular Jack

KeyConnect Modular Jacks

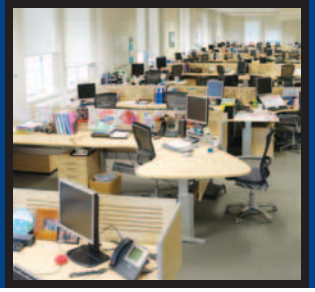
The CAT5E Modular Jack is a punch down UTP connector based on a patented Encapsulated Lead Frame technology that ensures excellent long-term reliability as well as extremely stable transmission performance. They are designed to be used within the Belden IBDN 1200 System. The Category 5e performance exceeds 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.

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.

Ordering Information

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
CAT5E Modules		
CAT5E Modular Jacks		
Gray	**AX101307**	**AX101044**
Almond	**AX101308**	**AX101045**
White	**AX101309**	**AX101046**
Black	**AX101310**	**AX101047**
Orange, TIA 606	**AX101311**	**AX101048**
Red, TIA 606	**AX101312**	**AX101049**
Yellow, TIA 606	**AX101313**	**AX101050**
Green, TIA 606	**AX101314**	**AX101051**
Blue, TIA 606	**AX101315**	**AX101052**
Purple, TIA 606	**AX101316**	**AX101053**
Brown, TIA 606	**AX101317**	**AX101054**
Ivory	**AX103079**	**AX102564**
Orange*	**AX104182**	—
Red*	**AX104183**	—
Yellow*	**AX104184**	—
Green*	**AX104185**	—
Blue*	**AX104186**	—
Purple*	**AX104187**	—
Brown*	**AX104188**	—

* Only available in KeyConnect-Style

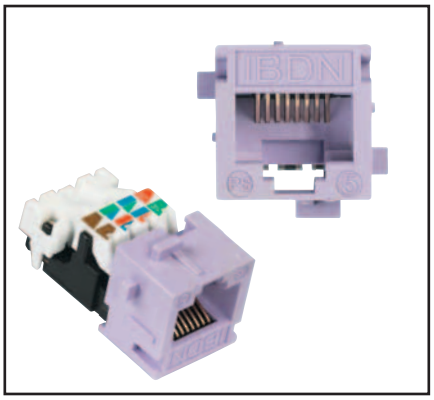


CAT5E EZ-MDVO Modular Jacks

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.



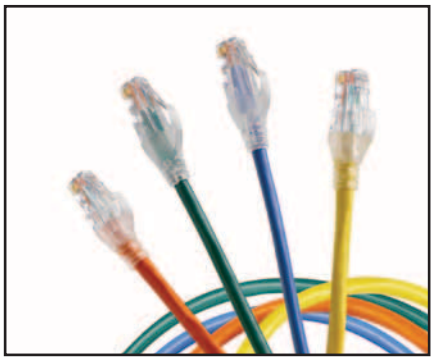
CAT5E EZ-MDVO Modular Jack, MDVO-Style

Ordering Information

Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
CAT5E Modules—EZ-MDVO		
EZ-MDVO CAT5E Modular Jacks		
Gray, TIA 606	**AX100577**	**AX100645**
Almond, TIA 606	**AX100578**	**AX100646**
White, TIA 606	**AX100579**	**AX100647**
Black, TIA 606	**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**

CAT5E Modular Cords

Bonded-Pair Cords and Nonbonded-Pair Pigtails



CAT5E Patch Cords

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

Ordering Information

CAT5E Modular Cords

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black
CAT5E Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR						
2 ft (0.6 m)	C501104002	C501105002	C501106002	C501108002	C501109002	C501100002
4 ft (1.2 m)	C501104004	C501105004	C501106004	C501108004	C501109004	C501100004
7 ft (2.1 m)	C501104007	C501105007	C501106007	C501108007	C501109007	C501100007
10 ft (3.0 m)	C501104010	C501105010	C501106010	C501108010	C501109010	C501100010
15 ft (4.6 m)	C501104015	C501105015	C501106015	C501108015	C501109015	C501100015
25 ft (7.6 m)	C501104025	C501105025	C501106025	C501108025	C501109025	C501100025
xxx	C501104xxx	C501105xxx	C501106xxx	C501108xxx	C501109xxx	C501100xxx

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft

CAT5E Pigtails, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A–Open, CMR						
15 ft (4.6 m)	—	—	C531206015	C531208015	C531209015	—
25 ft (7.6 m)	—	—	C531206025	C531208025	C531209025	—
35 ft (10.6 m)	—	—	C531206035	C531208035	C531209035	—
50 ft (15.2 m)	—	—	C531206050	C531208050	C531209050	—
xxx	—	—	C531206xxx	C531208xxx	C531209xxx	—

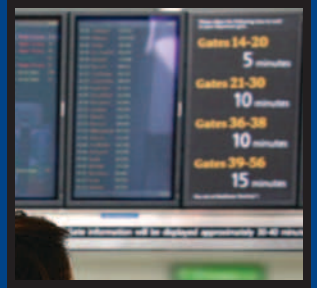
CAT5E Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568B–Open, CMR						
15 ft (4.6 m)	—	—	C531306015	C531308015	C531309015	—
25 ft (7.6 m)	—	—	C531306025	C531308025	C531309025	—
35 ft (10.6 m)	—	—	C531306035	C531308035	C531309035	—
50 ft (15.2 m)	—	—	C531306050	C531308050	C531309050	—
xxx	—	—	C531306xxx	C531308xxx	C531309xxx	—

CAT5E Pigtail, Nonbonded-Pair, 4-pair, 24 AWG Solid, T568A–Open, CMP						
15 ft (4.6 m)	—	—	C532206015	C532208015	C532209015	—
25 ft (7.6 m)	—	—	C532206025	C532208025	C532209025	—
35 ft (10.6 m)	—	—	C532206035	C532208035	C532209035	—
50 ft (15.2 m)	—	—	C532206050	C532208050	C532209050	—
xxx	—	—	C532206xxx	C532208xxx	C532209xxx	—

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

xxx = available 6 ft to 50 ft in increments of 1 ft, 55 ft to 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 13 for the Modular Cord Configuration Matrices.



BIX Cross-Connect System

Components, Patch Cords, Wires and Accessories

The Belden IBDN 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 IBDN 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.

Ordering Information

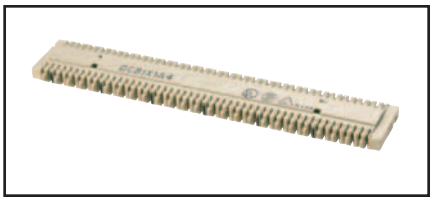
Description	Belden Part Number
BIX Connectors	
BIX Distribution Connector, 5-pair Marking	A0266828
BIX Distribution Connector, 4-pair Marking	A0393146
BIX Multiplying Connector, QCBIX2A, 25-pair, 12x2-pair	A0269923
BIX Multiplying Connector, QCBIX5A, 25-pair, 5x5-pair	A0266827
BIX Multiplying Connector, QCBIX7A, 25-pair, 2x2-pair & 3x7-pair	A0269925
BIX Modular Jack Connector, NXXCBMC6U, 6-port, Category 5e, T568A/B Coded	AX100798
BIX Modular Jack Connector, QCBIX36D, 6-port, USOC, 8-pin	A0341173
BIX Modular Jack Connector, QCBIX36C, 8-port, USOC, 6-pin	A0330864
BIX Modular Jack Connector, QCBIX36B, 12-port, USOC, 4-pin	A0330863
BIX Mounts and Accessories	
BIX Mount, QMBIX12E, 300-pair	A0340836
BIX Mount, QMBIX10A, 250-pair	A0270164
BIX Mount, 50-pair	A0284798
BIX Mount with Locking Cover, 50-pair	A0277853
BIX Mount with Snap-on Cover, 50-pair	A0277854
BIX Locking Cover, for QMBIX12E, 300-pair	A0340838
BIX Locking Cover, for QMBIX10A, 250-pair	A0285986
BIX Cover, QMBIX10A, Stand-alone Installation, locking	A0276396
BIX Cover, QMBIX10A, Stand-alone Installation, non-locking	A0276394
BIX Distribution Ring	A0270168
BIX Designation Strip, White	A0270169

BIX Patch Cords	1-Pair	2-Pair
4 ft (1.2 m)	A0410469	A0410494
7 ft (2.1 m)	A0410471	A0410495
10 ft (3.0 m)	A0410473	A0410496
15 ft (4.6 m)	A0410475	A0410497
25 ft (7.6 m)	A0410493	—

For 4-pair connections, please see the GigaBIX Patch Cord section (page 31).

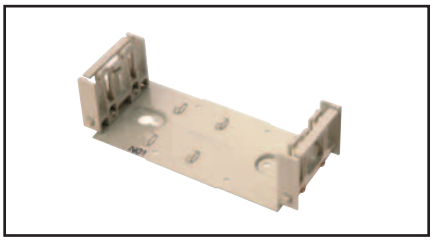
Description	Belden Part Number		
	BIX-BIX	BIX-MA	BIX-MB
CAT5E GigaBIX Patch Cords, Gray			
4 ft (1.2 m)	AX101963	AX101969	AX101975
6 ft (1.8 m)	AX101964	AX101970	AX101976
8 ft (2.4 m)	AX101965	AX101971	AX101977
10 ft (3.0 m)	AX101966	AX101972	AX101978
15 ft (4.6 m)	AX101967	AX101973	AX101979
25 ft (7.6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

BIX Cross-Connect Wire	
1-pair, Wh/Bl, 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
BIX Tools and Accessories	
BIX Connecting Tool	A0270165
BIX Tool Pouch	C0054642
BIX Test Probe, 1-pair	A0270166
BIX Special Service Guard, 1-pair, Red	A0270172
BIX Bridging Clip, 1-pair, Gray	A0325091
BIX Rack Bracket Kit 19 in	A0352331

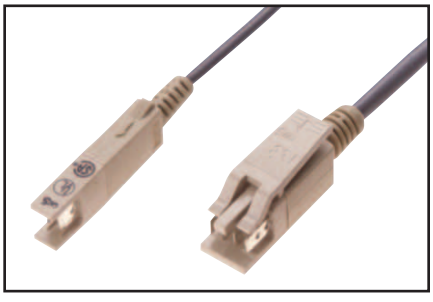


Distibution Connector

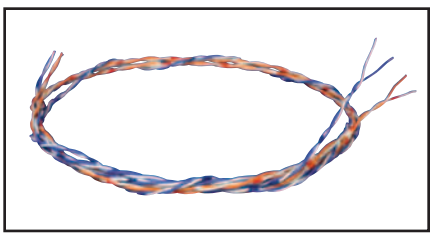
BIX Mount, 300-pair



BIX Mount, 50-pair



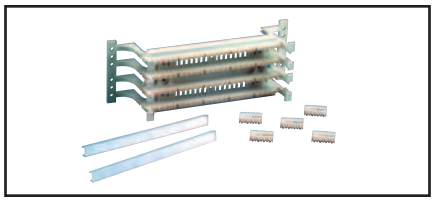
BIX Patch Cord, 1-Pair and 2-Pair



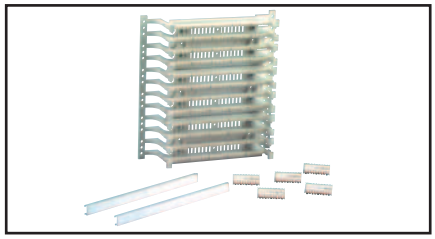
B-Plus Cross-Connect Wire

110 Cross-Connect System

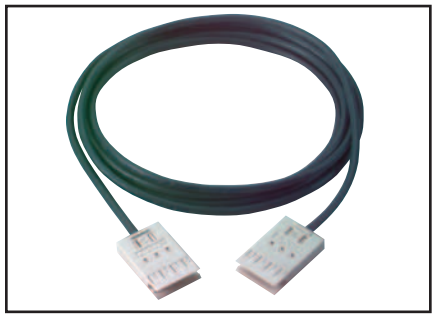
Kits, Components, Patch Cords, Wires and Accessories



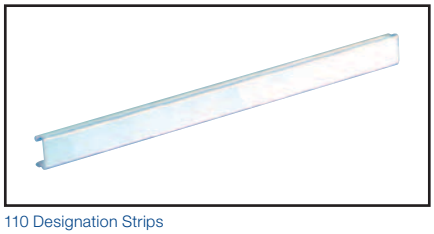
110 Cross-Connect Kit, 100-pair



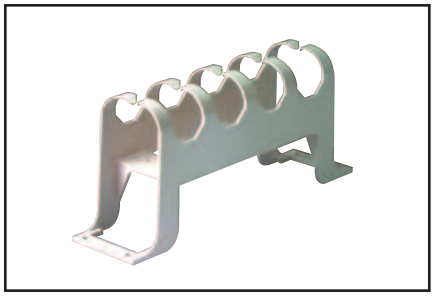
110 Cross-Connect Kit, 300-pair



110 Patch Cords, 110-110



110 Designation Strips



Cable Management Trough with Legs

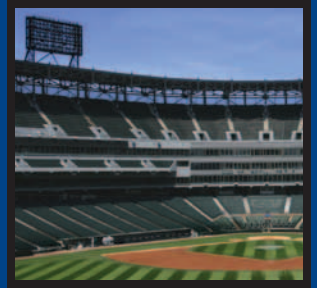
The Belden 110 Cross-Connect System uses high reliability Insulation Displacement Connection (IDC) contacts to provide high-performance connections for voice and data networks. This industry standard 110 system allows for very high termination density, while maintaining optimal ease of administration 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.

Ordering Information

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

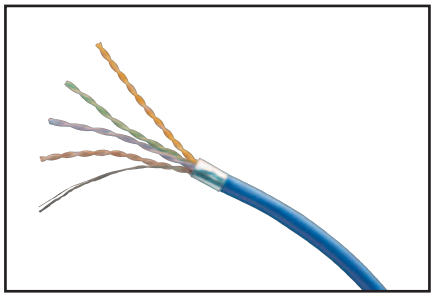
Description	Belden Part Number		
	110-110	110-8MOD (T568A-ISDN)	110-8MOD (T568B-ALT)
110 Cross-Connect Patch Cords, Category 5e, 4-pair			
4 ft (1.2 m)	**AX300001**	**AX300010**	**AX300008**
6 ft (1.8 m)	**AX300002**	**AX300009**	**AX300005**
8 ft (2.4 m)	**AX300025**	**AX300029**	**AX300011**
10 ft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

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



DataTwist 1200 Shielded Cable, Category 5e
Nonbonded-Pair

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 IBDN 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.

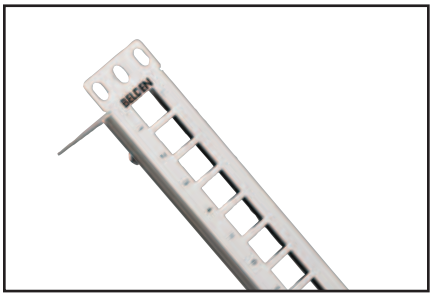


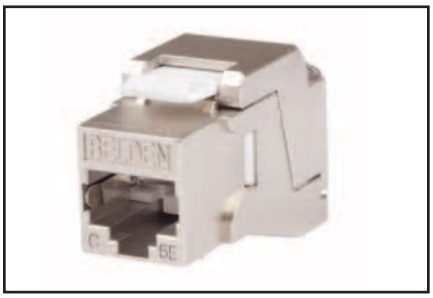
Data Twist 1200 Shielded Cable

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 1200 Shielded Cable					
DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e, F/UTP					
1212F 002A1000	Red	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 005A1000	Green	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 009A1000	White	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 010A1000	Black	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
1212F 0021000	Red	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0031000	Orange	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0061000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1212F 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e, F/UTP					
1213F 002A1000	Red	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 005A1000	Green	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 009A1000	White	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 010A1000	Black	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1213F 0021000	Red	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0031000	Orange	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0041000	Yellow	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0051000	Green	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F D151000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0081000	Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0091000	White	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1213F 0101000	Black	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)

CAT5E Shielded Patch Panels and Shielded Modular Jacks
KeyConnect and Modular


Shielded Modular Patch Panel (Empty)


CAT5E 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 or any other KeyConnect modules.

The CAT5E Shielded KeyConnect Modular Jack is a rugged tool-less connector designed to be used within the Belden IBDN 1200 Shielded System.

Its 2-piece die-cast housing and its shielding lug provide a reliable shield and 360 degree durable bonding to the cable foil. Its color-coded wire guide speeds up pair placement and terminates all pairs when closing the 2-piece housing.

The excellent CAT5E performance exceeds all parameters specified in the TIA Category 5e standard. Its 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. Its keystone footprint makes it compatible with KeyConnect Shielded Patch Panels and with KeyConnect and MediaFlex Workstation Outlets.

Ordering Information

Description	Belden Part Number
KeyConnect Shielded Patch Panels	
KeyConnect Shielded Modular Patch Panel (Empty)	
KeyConnect Shielded Patch Panel, 24-port, 1U, Titanium (Empty)	**AX104563**
KeyConnect Shielded Patch Panel, 48-port, 2U, Titanium (Empty)	**AX104564**
CAT5E Shielded Modular Jack	
CAT5E Shielded KeyConnect Modular Jack	
CAT5E Shielded KeyConnect Modular Jack, Metallic	**AX104595**

CAT5E Shielded Modular Cords

Patch Cords and Pigtails

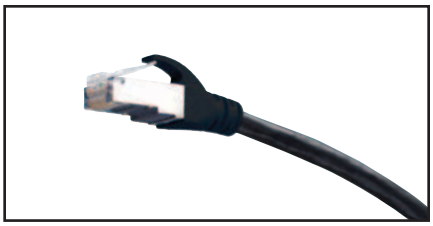
The CAT5E Shielded Modular Cords are 4-pair 24 AWG F/UTP modular cords designed to be used within the Belden IBDN 1200 Shielded System. These modular cords offer the best combination of transmission performance and shielding integrity.

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 Cord

Ordering Information

Description	Belden Part Number			
	Blue	Gray	White	Black
CAT5E Shielded Modular Cords				
CAT5E Shielded Patch Cords, 4-pair, 24 AWG Solid, T568A/B - T568A/B, CMR				
2 ft (0.6 m)	C5F1106002	C5F1108002	C5F1109002	C5F1100002
4 ft (1.2 m)	C5F1106004	C5F1108004	C5F1109004	C5F1100004
7 ft (2.1 m)	C5F1106007	C5F1108007	C5F1109007	C5F1100007
10 ft (3.0 m)	C5F1106010	C5F1108010	C5F1109010	C5F1100010
15 ft (4.6 m)	C5F1106015	C5F1108015	C5F1109015	C5F1100015
25 ft (7.6 m)	C5F1106025	C5F1108025	C5F1109025	C5F1100025
CAT5E Shielded Pigtails, 4-pair, 24 AWG Solid, T568A - Open, CMR				
15 ft (4.6 m)	C5F1206015	C5F1208015	—	—
25 ft (7.6 m)	C5F1206025	C5F1208025	—	—
35 ft (10.6 m)	C5F1206035	C5F1208035	—	—
50 ft (15.2 m)	C5F1206050	C5F1208050	—	—
CAT5E Shielded Pigtails, 4-pair, 24 AWG Solid, T568B - Open, CMR				
15 ft (4.6 m)	C5F1306015	C5F1308015	—	—
25 ft (7.6 m)	C5F1306025	C5F1308025	—	—
35 ft (10.6 m)	C5F1306035	C5F1308035	—	—
50 ft (15.2 m)	C5F1306050	C5F1308050	—	—

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 KeyConnect UTP 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 IBDN products, including Modular Jack Connectors, Cross-Connect Systems, Patch Panels, KeyConnect series, MediaFlex series and cable applications.

Workstation Outlets
KeyConnect Faceplates

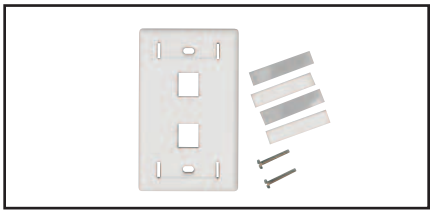
Compatible with all KeyConnect UTP and Multimedia Modules, KeyConnect Faceplates are designed for maximum flexibility, durability, aesthetics and manageability. They are available in a variety of styles, colors and port configurations to meet all work area outlet application needs, and they provide for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

Features & Benefits:

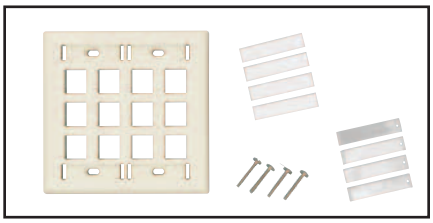
- KeyConnect Faceplates are compatible with all KeyConnect jacks and multimedia modules
- KeyConnect Faceplates are available in almond and electrical white to suit any office decor
  - Fire-retardant plastic with UV stabilizer for protection against color degradation
  - Top and bottom labeling windows 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

Ordering Information

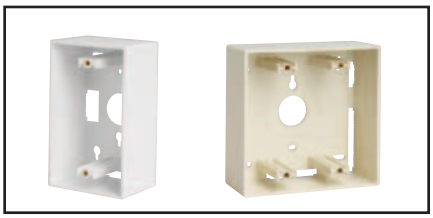
Description	Belden Part Number	
	Almond	Elec. White
Faceplates		
KeyConnect Faceplates		
1-port, with ID Windows, Single-gang	AX103922	AX102660
2-port, with ID Windows, Single-gang	AX103923	AX102655
4-port, with ID Windows, Single-gang	AX102248	AX102249
6-port, with ID Windows, Single-gang	AX102250	AX102251
6-port, with ID Windows, Double-gang	AX102670	AX102671
12-port, with ID Windows, Double-gang	AX102256	AX102257
Single-gang Back Box, 1.89 in.	AX104127	AX102657
Double-gang Back Box, 1.89 in.	AX104130	AX104131
Contact Customer Service for other colors and configurations.		
KeyConnect Stainless Steel Faceplates		
1-port, Single-gang	AX102006	
2-port, Single-gang	AX102007	
4-port, Single-gang	AX102009	
6-port, Single-gang	AX102010	
4-port, Double-gang	AX102011	
6-port, Double-gang	AX102012	
12-port, Double-gang	AX102013	
KeyConnect Stainless Steel Faceplates with ID Windows		
1-Port, with ID Windows, Single-gang	AX104230	
2-Port, with ID Windows, Single-gang	AX104231	
4-Port, with ID Windows, Single-gang	AX104232	
6-Port, with ID Windows, Single-gang	AX104233	
4-Port, with ID Windows, Double-gang	AX104479	
6-Port, with ID Windows, Double-gang	AX104480	
12-Port, with ID Windows, Double-gang	AX104234	
KeyConnect Wall Mount Phone Plates		
Stainless Steel	AX104126	
Elec. White Plastic, Recessed Port	AX102902	



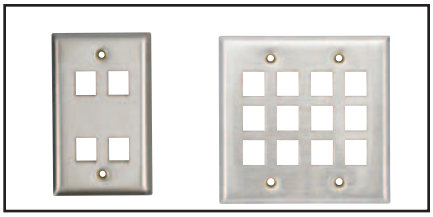
AX102655 KeyConnect Single-gang, 2-port Faceplate, Electrical White



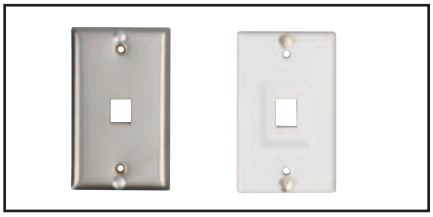
AX102256 KeyConnect Double-gang, 12-port Faceplate, Almond



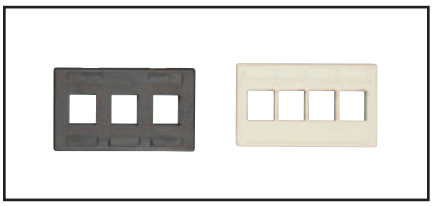
AX102657 KeyConnect Single-gang Back Box, Electrical White and AX104130 KeyConnect Double-gang Back Box, Almond



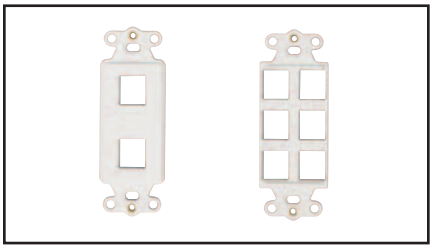
KeyConnect Stainless Steel Faceplates: AX102009 Single-gang, 4-port and AX102013 Double-gang, 12-port



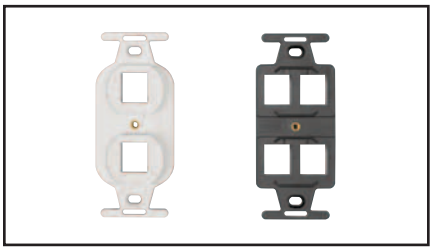
KeyConnect Wall Mount Phone Plates: AX104126 Stainless Steel and AX102902 Electrical White



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

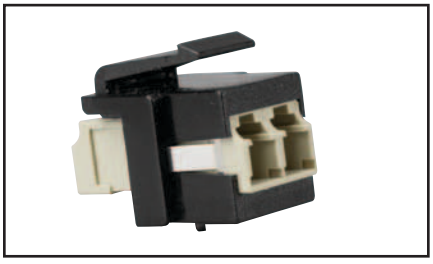


AX104112 KeyConnect Decora Adapters: 2-Port, Electrical White and AX104118 6-port, Electrical White



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

AX102653 KeyConnect Side Entry Boxes: 4-port, Electrical White



AX102417 LC Duplex module

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

Ordering Information

Description	Belden Part Number		
	Almond	Elec. White	Black
KeyConnect Adapters and Boxes			
KeyConnect Adapters			
Modular Furniture Adapter, 3-port	AX103925	AX102291	AX102292
Modular Furniture Adapter, 4-port	AX103926	AX102900	AX102901
Decora Adapter, 2-port	AX104111	AX104112	AX104113
Decora Adapter, 4-port	AX103927	AX102266	AX102267
Decora Adapter, 6-port	AX104117	AX104118	AX104119
106 Adapter, 2-port	AX104120	AX104121	AX104122
106 Adapter, 4-port	AX104123	AX104124	AX104125
KeyConnect Side-Entry Boxes, with Shutter Door			
1-port	AX104132	AX102651	—
2-port	AX104133	AX102652	—
4-port	AX104134	AX102653	—
6-port	AX104135	AX102654	—
KeyConnect Multimedia Adapter Modules			
LC Duplex Multimode, Beige Adapter	AX102415	AX102416	AX102417
LC Duplex Single-mode, Blue Adapter	AX102419	AX102420	AX102421
SC Simplex Multimode, Beige Adapter	AX102683	AX102684	AX102685
SC Simplex Single-mode, Blue Adapter	AX102686	AX102687	AX102688
ST Compatible MM/SM	AX102242	AX102243	AX102244
Video F Coax, Recessed	AX102903	AX102904	AX102905
Video F Coax, Flush	AX102906	AX102907	AX102908
Video BNC Coax, Flush	AX104573	AX104575	AX104574

Contact Customer Service for other colors and configurations.

Workstation Outlets (continued)

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.

AX104687 KeyConnect Tamper-Resistant Faceplate with locking cover, patch cord seal and wall gasket

AX104688 KeyConnect Tamper-Resistant Faceplate with locking cover

Ordering Information

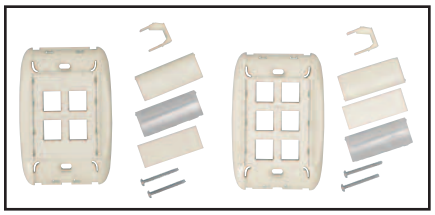
Description	Belden Part Number
	White
KeyConnect Tamper Resistant Faceplates	
Faceplate Kit, KeyConnect-Style	
4-port, single-gang with locking cover, patch cord seal and wall gasket (dust and water resistant)	**AX104687**
4-port, single-gang with locking cover (secure outlet)	**AX104688**
Secure screw driver bit (Drilled Spanner 1/4")	**AX104689**

MediaFlex Faceplate Kits

The MediaFlex Faceplate Kits are offered for both KeyConnect and for MDVO-Style Modules.

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.

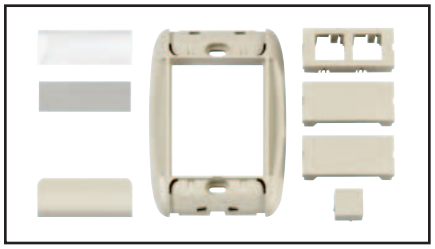
The MDVO pre-configured MediaFlex Faceplate Kits include a plate, flush MDVO-style inserts, filler inserts, MDVO blank, labeling window covers, labeling paper and all necessary mounting screws.



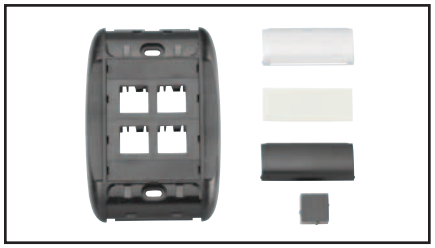
MediaFlex Faceplate Kit for KeyConnect Modules: AX102428 Single-gang, 4-port, Almond; AX102430 Single-gang, 6-port, Almond

Ordering Information

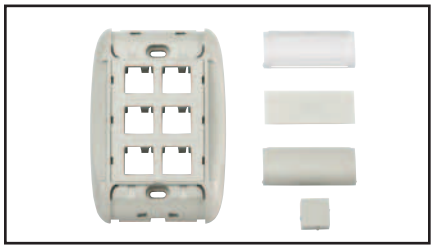
Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Faceplate Kits				
MediaFlex Faceplate Kit, KeyConnect-Style				
2-port, Flush, Single-gang	**AX104493**	**AX104494**	**AX104495**	**AX104496**
4-port, Flush, Single-gang	**AX104485**	**AX102428**	**AX102429**	**AX104489**
6-port, 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**
MediaFlex Faceplate Kit, MDVO-Style				
2-port, Flush	**AX101778**	**AX101779**	**AX101780**	**AX101781**
4-port, Flush	**AX101782**	**AX101783**	**AX101784**	**AX101785**
6-port, Flush	**AX101786**	**AX101787**	**AX101788**	**AX101789**



AX101779 MediaFlex Faceplate Kit, MDVO-Style, 2 port



AX101785 MediaFlex Faceplate Kit, MDVO-Style, 4 port

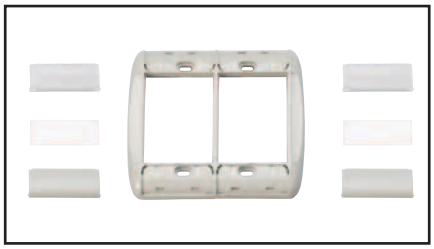


AX101786 MediaFlex Faceplate Kit, MDVO-Style, 6 port

Workstation Outlets (continued)

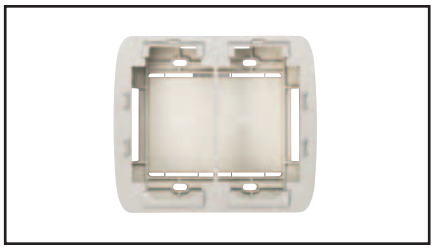
MediaFlex Plates, Adapter Boxes and Accessories

AX101748 MediaFlex Plate, Single-gang



AX101869 MediaFlex Plate, Double-gang

AX101777 Labeling Window Cover for MediaFlex Plates



AX101874 MediaFlex Adapter Box, Double-gang

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/adapter 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.

Ordering Information

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
MediaFlex Workstation Outlets				
MediaFlex Plates				
Single-gang	**AX101745**	**AX101746**	**AX101747**	**AX101748**
Double-gang	**AX101869**	**AX101870**	**AX101871**	**AX101872**
MediaFlex Surface Adapter Boxes				
Single-gang	**AX102480**	**AX102481**	**AX102482**	**AX102483**
Double-gang	**AX101873**	**AX101874**	**AX101875**	**AX101876**

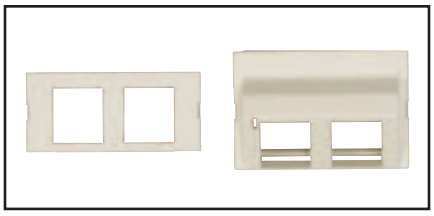
Contact Customer Service for other colors and configurations.

MediaFlex ID Windows Covers	
Window Cover, Clear, bag of 25 units	**AX101773**
Window Cover, Gray, bag of 25 units	**AX101774**
Window Cover, Almond, bag of 25 units	**AX101775**
Window Cover, Elec. White, bag of 25 units	**AX101776**
Window Cover, Black, bag of 25 units	**AX101777**

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.

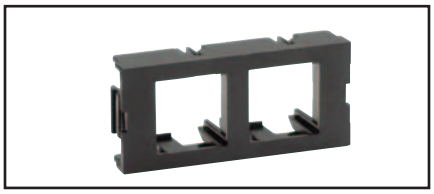
MediaFlex Filler Inserts are used to fill the unused spaces in low density workstation outlets. They are available in one unit and two unit sizes.



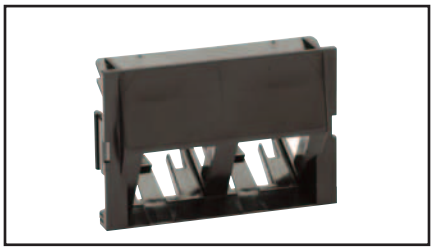
MediaFlex Inserts for KeyConnect Modules: AX102410 Flush, 2-port, Almond and AX102412 Angled, 2-Port, Almond

Ordering Information

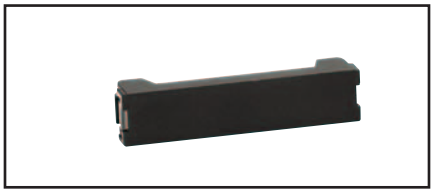
Description	Belden Part Number	
	KeyConnect-Style	MDVO-Style
Inserts		
MediaFlex Module Insert		
2-port, Flush, Gray	**AX104482**	**AX101749**
2-port, Angled, Gray	**AX104483**	**AX101753**
2-port, Flush, Almond	**AX102410**	**AX101750**
2-port, Angled, Almond	**AX102412**	**AX101754**
2-port, Flush,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



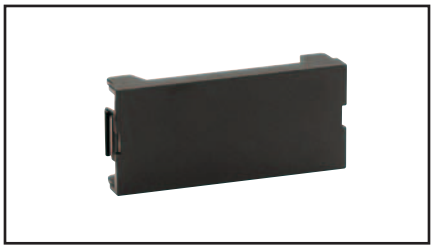
AX101752 MediaFlex MDVO-Style Insert, 2-port, Flush



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



AX101760 MediaFlex Filler Insert, 1-unit



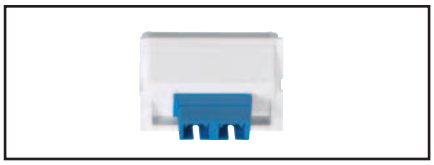
AX101764 MediaFlex Filler Insert, 2-unit

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 Multimode 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.

Ordering Information

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
Inserts				
MediaFlex Multimedia Insert				
3-port RCA	**AX101877**	**AX101878**	**AX101879**	**AX101880**
1-port SVHS	**AX101881**	**AX101882**	**AX101883**	**AX101884**
1-port SVGA	**AX101885**	**AX101886**	**AX101887**	**AX101888**
Duplex SC Multimode	**AX101939**	**AX101940**	**AX101941**	**AX101942**
Duplex SC Single-mode	**AX101935**	**AX101936**	**AX101937**	**AX101938**

Contact Customer Service for other colors and configurations.

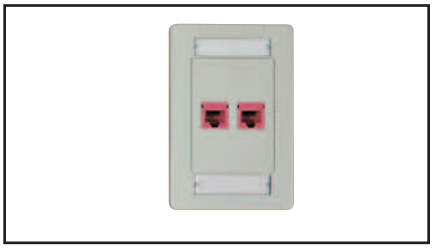
Workstation Outlets (continued)
Interface Plates, MDVO Faceplates

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.

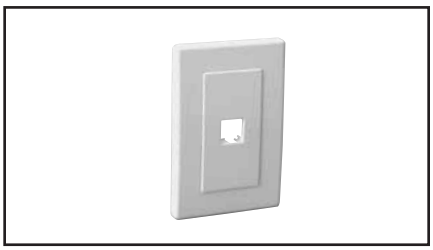
Ordering Information

Description	Belden Part Number
Interface Plate	
Interface Plate, Flush	
Interface Plate, Flush, 2-port, Gray	**AX101431**
Interface Plate, Flush, 2-port, Almond	**AX101432**
Interface Plate, Flush, 2-port, White	**AX101433**
Interface Plate, Flush, 2-port, Black	**AX101434**
Interface Plate, Flush, 4-port, Gray	**AX101435**
Interface Plate, Flush, 4-port, Almond	**AX101436**
Interface Plate, Flush, 4-port, White	**AX101437**
Interface Plate, Flush, 4-port, Black	**AX101438**
Interface Plate, Flush, 6-port, Gray	**AX101439**
Interface Plate, Flush, 6-port, Almond	**AX101440**
Interface Plate, Flush, 6-port, White	**AX101441**
Interface Plate, Flush, 6-port, Black	**AX101442**
MDVO Faceplate	
MDVO Faceplate Flush	
MDVO Faceplate, Flush, 1-port, Single-gang, Gray	**A0405255**
MDVO Faceplate, Flush, 1-port, Single-gang, Almond	**A0405256**
MDVO Faceplate, Flush, 1-port, Single-gang, White	**A0405257**
MDVO Faceplate, Flush, 1-port, Single-gang, Black	**A0405258**
MDVO Faceplate, Flush, 8-port, Single-gang, Gray	**A0405294**
MDVO Faceplate, Flush, 8-port, Single-gang, Almond	**A0405295**
MDVO Faceplate, Flush, 8-port, Single-gang, White	**A0405296**
MDVO Faceplate, Flush, 8-port, Single-gang, Black	**A0405298**
MDVO Faceplate, Flush, 12-port, Double-gang, Gray	**A0620806**
MDVO Faceplate, Flush, 12-port, Double-gang, Almond	**A0620807**
MDVO Faceplate, Flush, 12-port, Double-gang, White	**A0620808**
MDVO Faceplate, Flush, 12-port, Double-gang, Black	**A0620809**
MDVO Angled Entry Faceplate	
MDVO Angled Entry Faceplate, 4-port, Gray	**A0645267**
MDVO Angled Entry Faceplate, 4-port, Almond	**A0645268**
MDVO Angled Entry Faceplate, 4-port, White	**A0645269**
MDVO Angled Entry Faceplate, 4-port, Black	**A0645270**

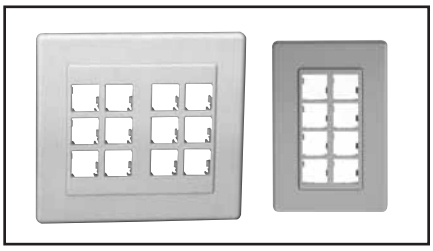


AX101431 Inrterface Plate, 2-port, shown here with modules

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
A0405294 MDVO Faceplate, 8-port

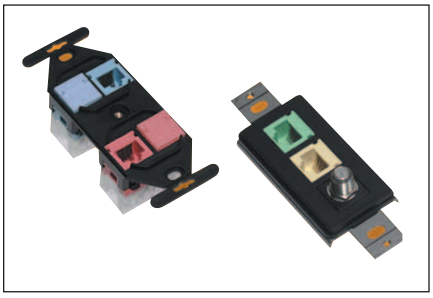
A0645267 MDVO Angled Entry Faceplate

Workstation Outlets (continued)

Interface Surface Adapter Boxes, MDVO Adapters

AX101474 Interface/MDVO Surface Adapter Box

A0645271 MDVO Side Entry Box, shown here with modules



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

A0409654 MDVO Deco Adapter, shown here with modules

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

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.

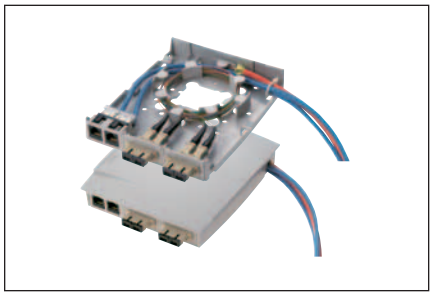
Ordering Information

Description	Belden Part Number
Interface/MDVO Surface Adapter Box	
Single-gang	
Interface/MDVO Surface Adapter Box, Single-gang, Gray	**AX101474**
Interface/MDVO Surface Adapter Box, Single-gang, Almond	**AX101475**
Interface/MDVO Surface Adapter Box, Single-gang, White	**AX101476**
Interface/MDVO Surface Adapter Box, Single-gang, Black	**AX101477**
Interface/MDVO Side Entry Box	
Single-gang	
MDVO Side Entry Box, 2-port, Gray	**A0645271**
MDVO Side Entry Box, 2-port, Almond	**A0645272**
MDVO Side Entry Box, 2-port, White	**A0645273**
MDVO Side Entry Box, 2-port, Black	**A0645274**
MDVO Adapters	
106 Adapter, Deco Adapter, Furniture Adapter	
MDVO 106 Adapter, 2-port, Gray	**AX100304**
MDVO 106 Adapter, 2-port, Almond	**AX100305**
MDVO 106 Adapter, 2-port, White	**AX100306**
MDVO 106 Adapter, 2-port, Black	**AX100307**
MDVO 106 Adapter, 4-port, Gray	**AX100308**
MDVO 106 Adapter, 4-port, Almond	**AX100309**
MDVO 106 Adapter, 4-port, White	**AX100310**
MDVO 106 Adapter, 4-port, Black	**AX100311**
MDVO Deco Adapter, 3-port, Gray	**A0409651**
MDVO Deco Adapter, 3-port, Almond	**A0409652**
MDVO Deco Adapter, 3-port, White	**A0409653**
MDVO Deco Adapter, 3-port, Black	**A0409654**
MDVO Modular Furniture Adapter, 3-port, Gray	**A0407071**
MDVO Modular Furniture Adapter, 3-port, Almond	**A0407072**
MDVO Modular Furniture Adapter, 3-port, White	**A0407073**
MDVO Modular Furniture Adapter, 3-port, Black	**A0407074**
MDVO Modular Furniture Adapter, 4-port, Gray	**AX100925**
MDVO Modular Furniture Adapter, 4-port, Almond	**AX100926**
MDVO Modular Furniture Adapter, 4-port, White	**AX100927**
MDVO Modular Furniture Adapter, 4-port, Black	**AX100928**

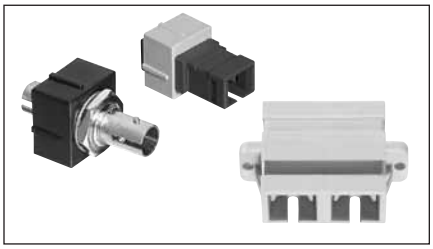
Workstation Outlets (continued)
Multimedia Outlet Boxes and Modules

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.

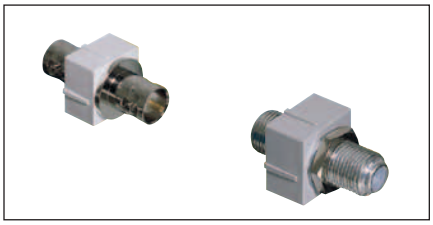
MDVO Multimedia Modules address audio/video and fiber applications. Fiber modules are available for LC Duplex, SC Simplex, SC Duplex and ST Compatible for multimode and single-mode connections. The SC Duplex Adapter is a fiber adapter sleeve with flanges that mounts into the SC Duplex mounting bezel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



A0643205 MDVO Multimedia Outlet Box, shown here as terminated



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



A0406997 MDVO BNC Coaxial Module
A0406999 MDVO Video F Coaxial Module

Ordering Information

Multimedia Outlet Boxes and Modules

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

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

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

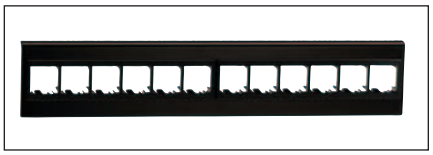
SC Duplex Adapter	
SC Duplex Adapter, Multimode, Beige	**A0649254**

MDVO-Style Multimedia Modules, Copper				
Coaxial, BNC	**A0406995**	**A0406996**	**A0406997**	**A0406998**
Coaxial, VIDEO F	**A0406999**	**A0407000**	**A0407001**	**A0407002**
RCA, feedthrough, White insert	**AX101823**	**AX101824**	**AX101825**	**AX101826**
RCA, feedthrough, Yellow insert	**AX101827**	**AX101828**	**AX101829**	**AX101830**
RCA, feedthrough, Red insert	**AX101831**	**AX101832**	**AX101833**	**AX101834**
RCA, feedthrough, Black insert	**AX101835**	**AX101836**	**AX101837**	**AX101838**
SVHS, feedthrough	**AX101839**	**AX101840**	**AX101841**	**AX101842**

Workstation Outlets (continued)

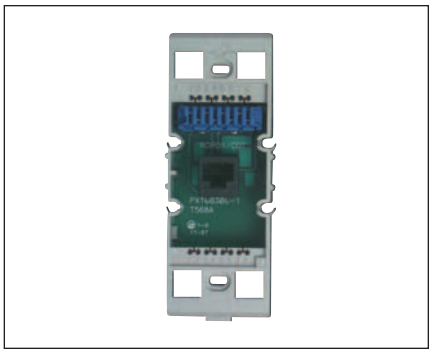
Multi-User Outlet Box, CAT5E BIX DVO Outlet

AX100222 Multi-User Outlet Box, shown here with modules



AX100223 MDVO Adapter Strip, 12-port

CAT5E BIX DVO Outlets



AX100601 CAT5E BIX DVO Module

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.

Ordering Information

Description	Belden Part Number			
	Gray	Almond	White	Black
Mutli-User Outlet Box and Adapter Strips				
Multi-User Outlet Box, 24-port	**AX100219**	**AX100220**	**AX100221**	**AX100222**
Adapter Strips for Mutli-User Outlet Box				
KeyConnect Adapter Strip, 12-port, Empty, Black			**AX104615**	
MDVO Adapter Strip, 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**	

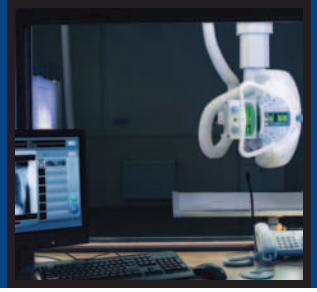
CAT5E BIX DVO Outlets

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

BIX DVO Double-gang Faceplates, BIX DVO Connector Modules

Description	Belden Part Number			
	Gray	Almond	White	Black
DVO Double-gang Faceplate				
DVO Double-gang Faceplate, Flush, 3-port	**AX100613**	**AX100614**	**AX100615**	**AX100616**
DVO Double-gang Faceplate, Flush, 4-port	**AX100640**	**AX100641**	**AX100642**	**AX100643**

Description	Belden Part Number
BIX DVO Connector Module, T568A	
CAT5E BIX DVO Connector Modules, 1-port	**AX100601**
CAT5E BIX DVO Connector Modules, 2-port	**AX100602**



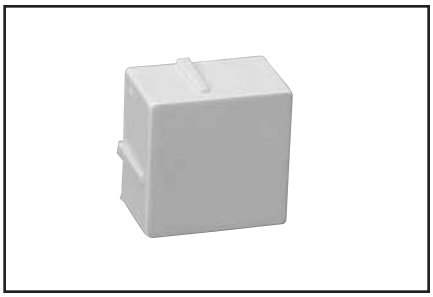
Workstation Outlets (continued)
Accessories

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

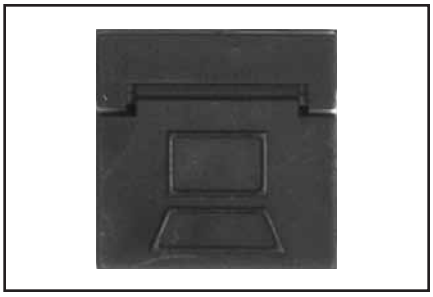
The Colored Bezels are plastic inserts that fit over the face of MDVO-Style Modules to modify their color. They are particularly useful in installations where the churn rate is high and color identification of outlets is critical (ex.: segmented network with security levels). They also contribute to 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.

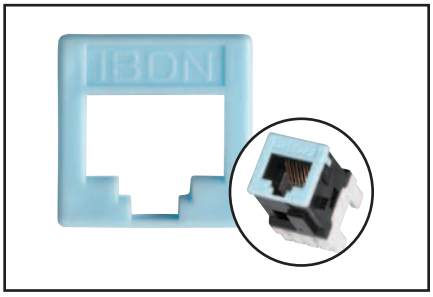
KeyConnect-Style Accessories include blank inserts available in almond, white and black as well as Dust Covers in clear plastic to protect unused ports.



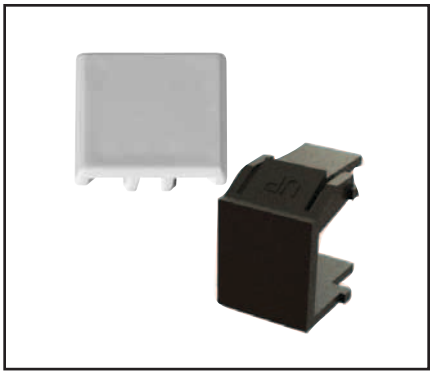
A0405538 MDVO Blank



AX100196 ID Tab



AX102022 Colored Bezel



AX101790 Dust Cover, AX102263 KeyConnect Blank Insert

Ordering Information

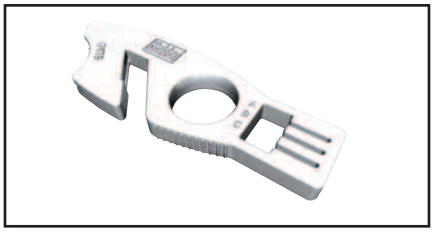
Description	Belden Part Number			
	Gray	Almond	White	Black
MDVO-Style Accessories				
MDVO Blank Insert	**A0405536**	**A0405537**	**A0405538**	**A0405539**
	ID TAB, BLANK	ID TAB, DATA	ID TAB, VOICE	COLORED BEZEL
Gray	**AX100182**	**AX100193**	**AX100204**	**AX102014**
Almond	**AX100183**	**AX100194**	**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**

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

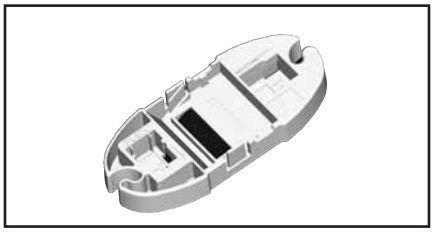
Workstation Outlets (continued)

Tools

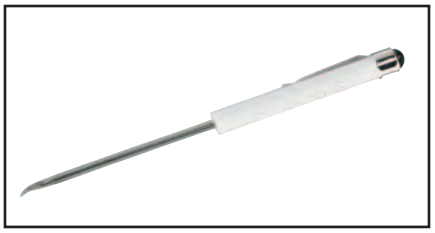
AX100749 IBDN 110 Connecting Tool



1797B Cable Preparation Tool



AX101852 Termination Station



AX101185 Outlet Release Tool

AX102775 Patch Cord Tool

The IBDN 110 Connecting Tool is a no-impact connecting tool used to terminate cables, pigtails or cross-connect wires on any KeyConnect module or 110 product. The IBDN 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).

Ordering Information

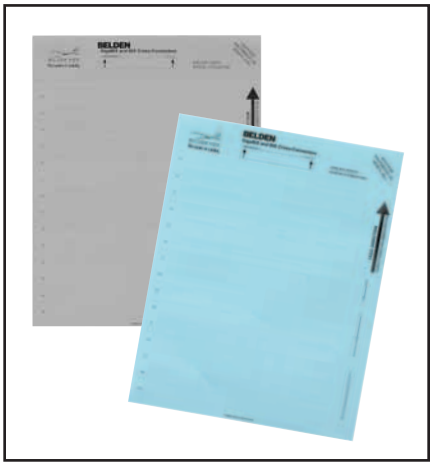
Description	Belden Part Number
Tools	
Connecting Tool, Cable Preparation Tool, Termination Station, Release Tool, Patch Cord Tool	
110 Connecting Tool	**AX100749**
Bonded-Pair Cable Preparation Tool	**1797B**
Termination Station	**AX101852**
Outlet Release Tool	**AX101185**
Patch Cord Tool	**AX102775**

Labels
LabelFlex

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 IBDN products in a fraction of the time taken by traditional methods.

The range of Belden IBDN 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



LabelFlex Labels

Ordering Information

Description	Belden Part Number
Labels	
Labels for MediaFlex Faceplates	
Almond/Silver, 30 labels/sheet, 10 sheets/pack	**AX101820**
White, 30 labels/sheet, 10 sheets/pack	**AX101821**
Labels for BIX and GIGABIX	
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**
Labels for BIX Modular Jack Connector	
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**
Labels for Cable Applications, 4-pair & 25-pair	
White, 48 labels/sheet, 25 sheets/pack	**AX101555**
White, 24 labels/sheet, 25 sheets/pack	**AX101556**
Labels for 10GX, CAT6+ and KeyConnect Modular Patch Panels	
White, 24 labels/sheet, 5 sheets/pack	**AX102299**
Labels for Ultra High Density Patch Panels (KeyConnect)	
White, 24 labels/sheet 5 sheets/pack	**AX103275**

Labels (continued)
LabelFlex

Ordering Information

Description	Belden Part Number
Labels	
Labels for Workstation Faceplates ID	
White, 80 labels/sheet, 5 sheets/pack	**AX101552**
Labels for 110 Cross-Connect	
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**
Labels for AngleFlex and 10GX IDC Patch Panels	
White, 180 labels/sheet, 5 sheets/pack	**AX103257**
Labels for Flex Patch Panels	
White, 28 labels/sheet, 5 sheets/pack	**AX101551**
Labels for KeyConnect Modular Furniture Adapters	
White, 450 labels/sheet, 5 sheets/pack	**AX101553**
Labels for CAT5E HD Patch Panels Bix & 110	
White, 18 labels/sheet, 5 sheets/pack	**AX101554**
White, 28 labels/sheet, 5 sheets/pack	**AX103265**
Labels for GigaFlex Patch Panels	
White, 28 labels/sheet, 5 sheets/pack	**AX101626**
Software	

Software available on www.belden.com

SECTION FIVE

Miscellaneous Cables

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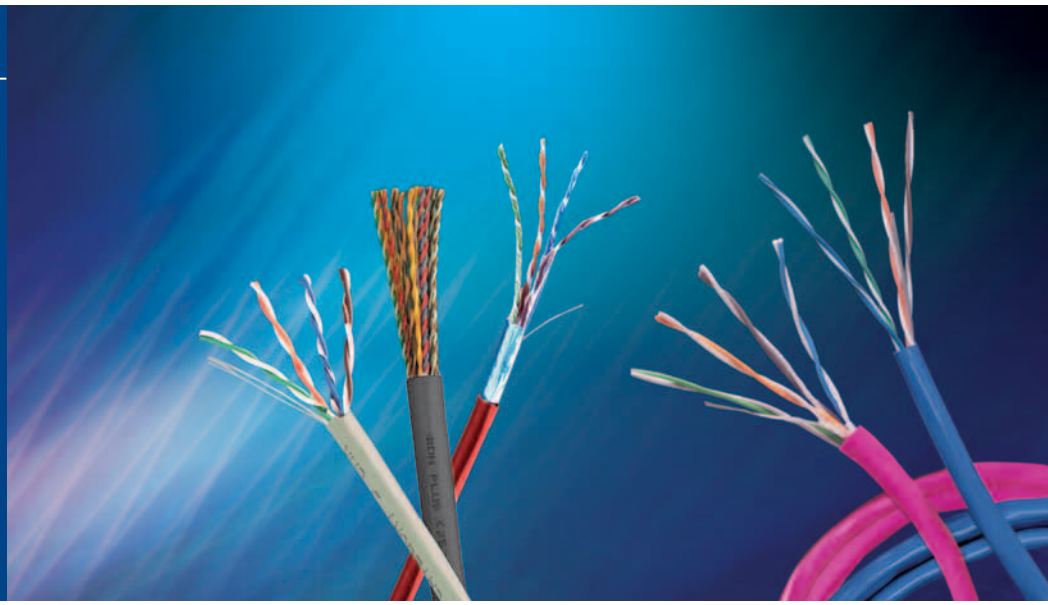


Belden understands that not every application is the same and unique situations and environments may call for a different cable solution. That's why our Copper Solutions Catalog also includes a variety of additional Belden quality cables to meet specific customer needs. From shielded, bundled Siamese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

DataTwist Category 6, 5e and 5 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.

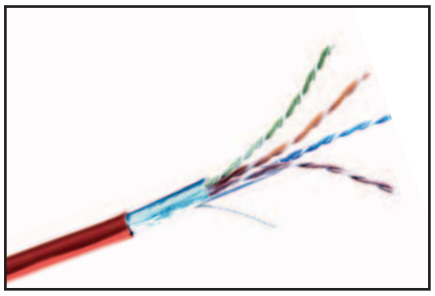
DataTwist 1200 Bonded-Pair UTP Siamese Cables come bundled with two 4-pair cables for easy break-out and identification.

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 IBDN 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.

DataTwist 6, 5e and 5 F/UTP Shielded Cable
Nonbonded-Pair



DataTwist 5e F/UTP

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

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

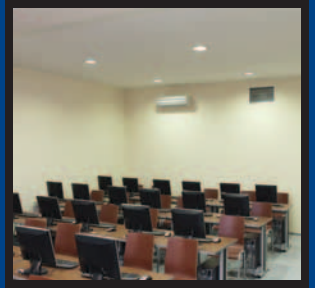
DataTwist 5 meets or exceeds ANSI/TIA/EIA-568-B.2's requirements for Category 5.

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 6, DataTwist 5e and DataTwist 5 Shielded Cable					
DataTwist 6, Nonbonded-Pair, 4-pair, 23 AWG, CMR, Category 6, F/UTP					
1351A 0041000	Yellow	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
1351A 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
1351A 0081000	Gray	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
1351A 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
DataTwist 6, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6, F/UTP					
1352A 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1352A D151000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1352A 0081000	Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1352A 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e, F/UTP					
1533R 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	18 spools/pallet	5490 m (18000 ft)
1533R 005A1000	Green	305 m (1000 ft)	Spool-in-Box	18 spools/pallet	5490 m (18000 ft)
1533R 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	18 spools/pallet	5490 m (18000 ft)
1533R F2VA1000	Lt. Gray	305 m (1000 ft)	Spool-in-Box	18 spools/pallet	5490 m (18000 ft)
1533R 010A1000	Black	305 m (1000 ft)	Spool-in-Box	18 spools/pallet	5490 m (18000 ft)
1533R 0041000	Yellow	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1533R 0051000	Green	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1533R 0061000	Blue	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1533R F2V1000	Lt. Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1533R 0091000	White	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
1533R 0101000	Black	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e, F/UTP					
1533P 004A1000	Yellow	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P 005A1000	Green	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P 877A1000	Natural	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P 010A1000	Black	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1533P 0041000	Yellow	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1533P 0051000	Green	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1533P D151000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1533P 0081000	Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1533P 8771000	Natural	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1533P 0101000	Black	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
DataTwist 5, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5, F/UTP					
1624R 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1624R F2VA1000	Lt. Gray	305 m (1000 ft)	Spool-in-Box	22 boxes/pallet	6710 m (22000 ft)
1624R 0061000	Blue	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
1624R F2V1000	Lt. Gray	305 m (1000 ft)	Spool	36 spools/pallet	10980 m (36000 ft)
DataTwist 5, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5, F/UTP					
1624P D15A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1624P 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1624P 877A1000	Natural	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1624P D151000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1624P 0081000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1624P 8771000	Natural	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)

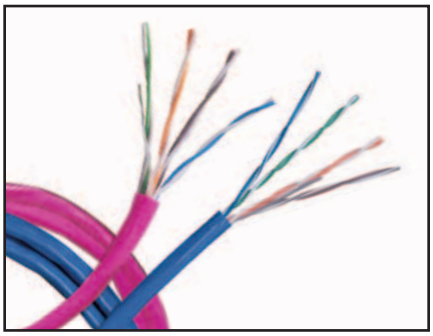
Color Codes: DataTwist 6, 5e and 5 F/UTP

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown



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.



DataTwist 5e Cable

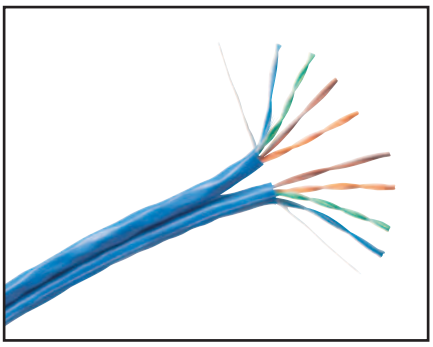
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 5e Cable					
DataTwist 5e, Nonbonded-Pair, 2-pair, 24 AWG, CMR, Category 5e					
1588A 006U1000	Blue	305 m (1000 ft)	UnReel Box	48 boxes/pallet	14640 m (48000 ft)
1588A F6HU1000	Gray	305 m (1000 ft)	UnReel Box	48 boxes/pallet	14640 m (48000 ft)
1588A 0061000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1588A F6H1000	Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e					
1583A 002U1000	Red	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 003U1000	Orange	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 005U1000	Green	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 006U1000	Blue	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 008U1000	Gray	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 009U1000	White	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 010U1000	Black	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583A 012U1000	Pink	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
1583B T30U1000	Fluor. Pink	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1583A 0021000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0031000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0041000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0051000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0061000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0081000	Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0101000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583A 0121000	Pink	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1583B T301000	Fluor. Pink	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
DataTwist 5e, Nonbonded-Pair, 2-pair, 24 AWG, CMP, Category 5e					
1590A D151000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1590A 8771000	Natural	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMP, Category 5e					
1585A 002U1000	Red	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 003U1000	Orange	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 005U1000	Green	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A D15U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 008U1000	Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 010U1000	Black	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 012U1000	Pink	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 877U1000	Natural	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585A 0021000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0031000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0041000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0051000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A D151000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0081000	Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0101000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 0121000	Pink	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585B T301000	Fluor. Pink	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1585A 8771000	Natural	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)

DataTwist 5e Cable, Category 5e, Outdoor

Nonbonded-Pair

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 5e, Nonbonded-Pair, 4-pair, 24 AWG, CMR/CMX Outdoor, Category 5e					
1594A 008U1000	Gray	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1594A 009U1000	White	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1594A 1GFU1000	Ivory	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)



DataTwist 1200 Siamese Cable

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-PairCables 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.

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Siamese Cable					
DataTwist 1200, Bonded-Pair, 2x4-pair Siamese, 24 AWG, CMR, Category 5e					
1702A 0061000	Blue	305 m (1000 ft)	Spool	24 spools/pallet	7320 m (24000 ft)
1702A F2V1000	Lt. Gray	305 m (1000 ft)	Spool	24 spools/pallet	7320 m (24000 ft)
DataTwist 1200, Bonded-Pair, 2x4-pair Siamese, 24 AWG, CMP, Category 5e					
1703A D151000	Blue	305 m (1000 ft)	Spool	24 spools/pallet	7320 m (24000 ft)
1703A 8771000	Natural	305 m (1000 ft)	Spool	24 spools/pallet	7320 m (24000 ft)

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

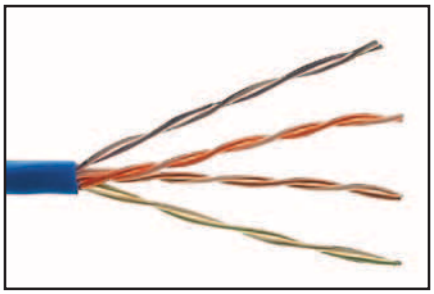
Color Codes: DataTwist 5e and DataTwist 1200

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

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.



DataTwist 6 Limited Combustible Cable

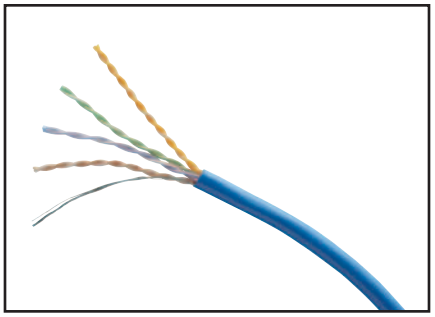
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist Limited Combustible Cable, Category 6 and 5e					
DataTwist 6, Bonded-Pair, 4-Pair, 23 AWG, CMP FHC 25/50 (aka CMP-50), Category 6					
7813LC 006U1000	Blue	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
7813LC 009U1000	White	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
7813LC 0061000	Blue	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
7813LC 0091000	White	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
DataTwist 5e, Nonbonded-Pair, 4-Pair, 24 AWG, CMP FHC 25/50 (aka CMP-50), Category 5e					
1585LC 006U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585LC 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1585LC 0061000	Blue	305 m (1000 ft)	Spool	64 boxes/pallet	19520 m (64000 ft)
1585LC 0091000	White	305 m (1000 ft)	Spool	64 boxes/pallet	19520 m (64000 ft)
DataTwist 1200, Bonded-Pair, 4-Pair, 24 AWG, CMP FHC 25/50 (aka CMP-50), Category 5e					
1701LC 006U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701LC 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1701LC 0061000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1701LC 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)

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

DataTwist 6 and 5e Outside Plant Cable (OSP), Category 6 and Category 5e

Nonbonded-Pair



DataTwist Outside Plant, Gel-filled

DataTwist Category 6 and 5e Outside Plant (OSP) cables are 4-pair productss 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. DataTwist OSP products exceed Category 6 or Category 5e requirements as per ANSI/TIA/EIA-568-C.2.

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Outside Plant Cable					
DataTwist 6 OSP, Nonbonded-Pair, 4-pair, 24 AWG, Category 6					
OSP6U 0101000	Black	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)
DataTwist 5e OSP, Nonbonded-Pair, 4-pair, 24 AWG, Category 5e					
7997A 0101000	Black	305 m (1000 ft)	Spool	40 boxes/pallet	12200 m (40000 ft)

IBDN Plus Backbone Indoor Cable, Category 5e

Nonbonded-Pair

IBDN25R IBDN-Plus 25-pair Cat5e Cable

Available in plenum and non-plenum versions, IBDN Plus 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.

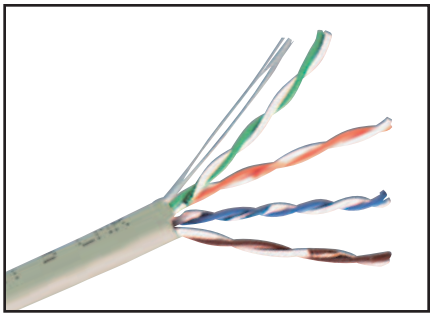
Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Backbone Indoor Cable, Category 5e					
IBDN Plus, Nonbonded-Pair, 25-pair, 24 AWG, CMR, Category 5e					
IBDN25R 006500	Blue	152 m (500 ft)	Spool	6 spools/pallet	915 m (3000 ft)
IBDN25R 0061000	Blue	305 m (1000 ft)	Spool	4 spools/pallet	1220 m (4000 ft)
IBDN25R 0081000	Gray	305 m (1000 ft)	Spool	4 spools/pallet	1220 m (4000 ft)
IBDN Plus, Nonbonded-Pair, 25-pair, 24 AWG, CMP, Category 5e					
IBDN25P 0081000	Gray	305 m (1000 ft)	Spool	8 spools/pallet	2440 m (8000 ft)

DataTwist 3 UTP and D-Inside Wire and 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.

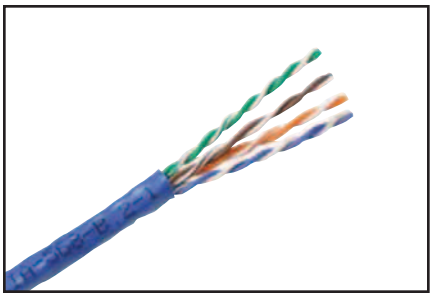


D-Inside Series Riser Cable

Ordering Information

Belden Part Number	# Pair	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Backbone Indoor Cable						
DataTwist 3, Nonbonded-Pair, 24 AWG, CMR, Category 3						
1227A1 008U1000	2	Gray	305 m (1000 ft)	UnReel Box	48 boxes/pallet	14640 m (48000 ft)
1227A1 Q5HU1000	2	White	305 m (1000 ft)	UnReel Box	48 boxes/pallet	14640 m (48000 ft)
1229A1 008U1000	4	Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1232A1 0081000	25	Gray	305 m (1000 ft)	Spool	12 spools/pallet	3660 m (12000 ft)
DataTwist 3, Nonbonded-Pair, 24 AWG, CMP, Category 3						
1243A2 009U1000	2	White	305 m (1000 ft)	UnReel Box	30 Boxes/pallet	9150 m (30000 ft)
1245A2 009U1000	4	White	305 m (1000 ft)	UnReel Box	36 Boxes/pallet	10980 m (36000 ft)
D-Inside Wire, Nonbonded-Pair, 24 AWG, CMR, Category 3						
DIW2 732U2500	2	Lt. Olive Gray	762 m (2500 ft)	UnReel Box	45 boxes/pallet	34312 m (112500 ft)
DIW3 732U1500	3	Lt. Olive Gray	457 m (1500 ft)	UnReel Box	45 boxes/pallet	20587 m (67500 ft)
DIW4 732U1000	4	Lt. Olive Gray	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
DIW4 732U1500	4	Lt. Olive Gray	457 m (1500 ft)	UnReel Box	45 boxes/pallet	20587 m (67500 ft)
DIW6 7321000	6	Lt. Olive Gray	305 m (1000 ft)	Spool	36 spool/pallet	10980 m (36000 ft)
DIW12 7321000	12	Lt. Olive Gray	305 m (1000 ft)	Spool	27 spools/pallet	8235 m (27000 ft)
DIW25 732500	25	Lt. Olive Gray	152 m (500 ft)	Spool	20 spools/pallet	3050 m (10000 ft)
DIW25 7321000	25	Lt. Olive Gray	305 m (1000 ft)	Spool	10 spools/pallet	3050 m (10000 ft)
DIW25 732CUT	25	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DIW50 7321000	50	Lt. Olive Gray	305 m (1000 ft)	Spool	4 spools/pallet	1220 m (4000 ft)
DIW50 7322500	50	Lt. Olive Gray	762 m (2500 ft)	Spool	1 spools/pallet	762 m (2500 ft)
DIW50 732CUT	50	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DIW100 732CUT	100	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DIW200 732CUT	200	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DIW300 732CUT	300	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
D-Inside Wire, Nonbonded-Pair, 24 AWG, CMP, Category 3						
DFLEX3 732U1500	3	Lt. Olive Gray	457 m (1500 ft)	UnReel Box	45 boxes/pallet	20587 m (67500 ft)
DFLEX4 009U1000	4	White	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
DFLEX4 732U1000	4	Lt. Olive Gray	305 m (1000 ft)	UnReel Box	45 boxes/pallet	13725 m (45000 ft)
DFLEX4 732U1500	4	Lt. Olive Gray	457 m (1500 ft)	UnReel Box	45 boxes/pallet	20587 m (67500 ft)
DPLN25 7321000	25	Lt. Olive Gray	305 m (1000 ft)	Spool	10 spools/pallet	3050 m (10000 ft)
DPLN25 732CUT	25	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DPLN50 732CUT	50	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DPLN100 732CUT	100	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DPLN200 732CUT	200	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
DPLN300 732CUT	300	Lt. Olive Gray	Cut to any Length	Spool	Various	Various
ATMM/ARMM, Armored, Nonbonded-Pair, 24 AWG, CMR, Category 3						
ATMM25 008CUT	25	Gray	Cut to any Length	Spool	Various	Various
ATMM50 008CUT	50	Gray	Cut to any Length	Spool	Various	Various
ATMM100 008CUT	100	Gray	Cut to any Length	Spool	Various	Various
ATMM200 008CUT	200	Gray	Cut to any Length	Spool	Various	Various
ATMM300 008CUT	300	Gray	Cut to any Length	Spool	Various	Various
ATMM400 008CUT	400	Gray	Cut to any Length	Spool	Various	Various

Patch Cable, Category 6 and 5e
Nonbonded-Pair and Bonded-Pair



DataTwist Patch Cable

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

Ordering Information

Patch Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 6, Bonded-Pair, 4-pair Patch Cable, 24 AWG Stranded, CMR, Category 6					
1875GB 005A1000	Green	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1875GB 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1875GB 007A1000	Purple	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1875GB F2V1000	Lt. Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB F6H1000	Gray	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB 0041000	Yellow	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB 0051000	Green	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB 0061000	Blue	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB 0091000	White	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
1875GB 0101000	Black	305 m (1000 ft)	Spool	42 spools/pallet	12810 m (42000 ft)
DataTwist 6, Nonbonded-Pair, 4-pair Patch Cable, 24 AWG, CMR, Category 6					
7883A 0021000	Red	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0031000	Orange	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0041000	Yellow	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0051000	Green	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0061000	Blue	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0071000	Purple	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A F2V1000	Lt. Gray	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0091000	White	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
7883A 0101000	Black	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
DataTwist 5e, Bonded-Pair, 4-pair Patch Cable, 24 AWG Stranded, CMR, Category 5e					
1752A 002U1000	Red	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 003U1000	Orange	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 005U1000	Green	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 006U1000	Blue	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 007U1000	Purple	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A F2VU1000	Lt. Gray	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 010U1000	Black	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
1752A 0021000	Red	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0031000	Orange	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0041000	Yellow	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0051000	Green	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0061000	Blue	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0071000	Purple	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A F2V1000	Lt. Gray	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)
1752A 0101000	Black	305 m (1000 ft)	Spool	40 spools/pallet	12200 m (40000 ft)

Patch Cable, Category 6 and 5e (continued)

Nonbonded-Pair and Bonded-Pair

Ordering Information

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Patch Cable					
DataTwist 5e, Nonbonded-Pair, 4-pair Patch Cable, 24 AWG Stranded, CMR, Category 5e					
1592A 002U1000	Red	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 003U1000	Orange	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 004U1000	Yellow	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 005U1000	Green	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 006U1000	Blue	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 007U1000	Purple	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A F2VU1000	Lt. Gray	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 009U1000	White	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 010U1000	Black	305 m (1000 ft)	UnReel Box	36 boxes/pallet	10980 m (36000 ft)
1592A 0021000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0031000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0041000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0051000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0061000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0071000	Purple	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A F2V1000	Lt. Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0091000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 0101000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)

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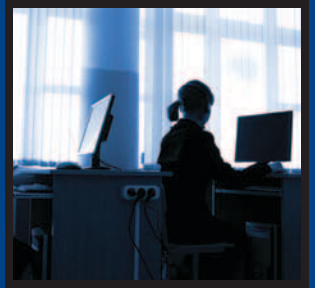

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