



Belden® APAC Copper Catalog



Faster.
Easier.
Better.

Belden
Copper Systems

BELDEN

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



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

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

Table of Contents

Introduction	3-7	Section 4 – Workstation Outlets	48-64
Section 1 – Category 6A Systems	8-20	KeyConnect Faceplates.....	49
CAT6A Cable.....	9	KeyConnect Adapters and Boxes.....	50
CAT6A Patch Panels.....	10	KeyConnect Multimedia Modules.....	51
CAT6A Modular Jacks.....	11	KeyConnect Tamper-Resistant Faceplates, MediaFlex Faceplate Kits.....	52
CAT6A Traceable Patch Cords.....	12	MediaFlex Plates, Adapter Boxes and Accessories.....	53
CAT6A Modular Cords.....	13	MediaFlex Inserts.....	54-55
Modular Cord Configuration Matrices.....	14	Keystone Square Faceplates.....	56
CAT6A Pre-Terminated Cabling System.....	15	Interface Surface Adapter Boxes, MDVO Adapters.....	57
CAT6A IDC System.....	16	Multimedia Outlet Boxes and Modules.....	58
CAT6A Shielded System—Cable.....	17	Multi-User Outlet Box, CAT5E BIX DVO Outlet.....	59
CAT6A Shielded System—KeyConnect Patch Panels, Modular Jacks.....	18	Accessories.....	60
CAT6A Shielded System—Modular Cords.....	19	Rapid Termination Tool.....	61
CAT6A Shielded Pre—Terminated Cable.....	20	Tools.....	62
Section 2 – Category 6 Systems	21-36	LabelFlex.....	63-64
DataTwist 4800 Cable.....	22-23	Section 5 – Miscellaneous Cables	65-71
DataTwist 3600 Cable.....	24-25	DataTwist 5e Outdoor Cable.....	66
DataTwist 2400 Cable.....	26	DataTwist 6, 5e Cable.....	67
MediaTwist Cable.....	27	DataTwist 6 Outside Plant Cable.....	68
KeyConnect Patch Panels.....	28	DataTwist 3 UTP, D-Inside Wire and Backbone Indoor Cable.....	69
CAT6+ Modular Jacks.....	29	Patch Cable.....	70-71
CAT 6+ Traceable Patch Cords.....	30	Section 6 - Rack and Enclosure	72-73
CAT6+ Modular Cords.....	31	UltraFlex Series Enclosure.....	72
3600 Pre-Terminated Cabling System.....	32	Asscessories.....	73
GigaBIX IDC System.....	33	Customer Service and Other Belden Contacts	Back Cover
CAT 6 Shielded Cable.....	34		
CAT6 Shielded Patch Panels and Shielded Modular Jacks.....	35		
CAT6+ Shielded Modular Cords.....	36		
Section 3 – Category 5e Systems	37-47		
KeyConnect Patch Panels.....	38		
Patch Boxes.....	39		
CAT5E Modular Jacks.....	40		
CAT5E EZ-Modular Jacks.....	41		
CAT5E Modular Cords.....	42		
BIX Cross-Connect System.....	43		
110 Cross-Connect System.....	44		
CAT5E Shielded Cable.....	45		
CAT5E Shielded Patch Panels and Shielded Modular Jacks.....	46		
CAT5E Shielded Modular Cords.....	47		

Representing Networking Leadership at Every Turn

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

Belden Category 5E System

For networks requiring only basic performance, the Belden Category 5E System is the best performing Category 5E system available exceeds all requirements for Category 5E performance.

Ideal for budget-conscious and short-term investments, the Belden Category 5E System is robust enough to support a variety of basic business applications in standard environments, including basic PoE.

Belden Category 6 System

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, Belden Category 6 System supports a variety of environments and applications. With a wide range of components and accessories, enhanced crosstalk and impedance performance, combined with a compact size, makes end-to-end Belden Category 6 System the most cost-effective solution for high-traffic and high bit-rate applications throughout the LAN environment.

Belden Category 6A System

The Belden Category 6A System Category 6A 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. The Belden Category 6A System Category 6A 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 Category 6A System is the ideal solution for any current and future data center or horizontal cabling system.

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

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Belden Copper Systems – Performance and Component Selection Matrix

Performance Standard	Category 6A	Category 6	Category 5E
Available Bandwidth	500 MHz	250 MHz	100 MHz
Cable Selection	Category 6A Series	Category 6 Series	Category 5E Series
Connectivity Selection	Category 6A IDC Cross-Connect	GigaBIX Cross-Connect	BIX and 110 Cross-Connect
	Category 6A Patch Panels Category 6A Modular Jacks Category 6A Modular Cords Category 6A Modular Coupler	Category 6+ Patch Panels Category 6+ Modular Jacks Category 6+ Modular Cords Category 6+ Modular Coupler	Category 5E Patch Panels Category 5E Modular Jacks Category 5E Modular Cords
	KeyConnect Patch Panels MediaFlex, KeyConnect, Interface <i>(Configurable with appropriate modules)</i>		

Belden Shielded Systems – Performance and Component Selection Matrix

Performance Standard	Category 6A	Category 6	Category 5E
Available Bandwidth	500 MHz	250 MHz	100 MHz
Cable Selection	Category 6A Shielded Series	Category 6 Shielded Series	Category 5E Shielded Series
Connectivity Selection	Category 6A Shielded Modular Jacks Category 6A Shielded Modular Cords	Category 6 Shielded Modular Jacks Category 6 Shielded Modular Cords	Category 5E Shielded Modular Jacks Category 5E Shielded Modular Cords
	KeyConnect Shielded Patch Panels MediaFlex Faceplates, KeyConnect Faceplates and Adapters <i>(Configurable with appropriate modules)</i>		

Top-quality Flagship Innovations Provide the Ultimate Value

Backed by years of field-proven telecommunications experience, Belden Copper System components include several innovative technologies designed to ensure cost-effective, easy deployment and maximum performance and reliability, while meeting current and future needs for capacity and scalability. 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 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 Category 6A Pre-Terminated Cabling Systems for 10 Gigabit applications and Pre-terminated Cabling Solution for Category 6 performance.



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

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Easier.
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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 Category 6A, Category 6+ and Category 5E 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 system is optimized for the required standards, technology environment and lifespan of the network.

Best-in-Class Support and Warranties

All Belden Systems are backed by expert service and technical support and a commitment to delivering high-performance, reliable transmission solutions. Belden backs certified systems with two unique best-in-class warranties for complete peace of mind — a 10-Year Product Warranty. From the date of installation, the 25-Year Performance Warranty Warrants the installed system will work as per the applicable standards requirements.

Contact Belden Today

For more information about the Belden Copper Systems, visit www.belden.com or send mail to
Australia.sales@belden.com
China.marketing@belden.com
India.sales@belden.com
sales.ROAP@belden.com

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





SECTION ONE

Category 6A System

Table of Contents

Page

Category 6A System	8-19
Category 6A Cable	9
Category 6A Patch Panels	10
Category 6A Modular Jacks	11
Category 6A Traceable Patch Cords	12
Category 6A Modular Cords	13
Modular Cord Configuration Matrices	14
Category 6A Pre-Terminated Cabling System	15
Category 6A IDC System	16
Category 6A Shielded Cable	17
Category 6A Shielded System—KeyConnect Patch Panels, Modular Jacks and Cords	18-19
Category 6A Shielded Pre-Terminated Cabling System	20



The copper cabling system that does it all, the Belden Category 6A System supports the most demanding current and future high-end applications with performance beyond the minimum standard. The system is comprised of Category 6A System Cables, preloaded or modular Category 6A Patch Panels, Category 6A Modular Jacks and Category 6A Modular Cords. Together, these components form an end-to-end system that guarantees bandwidth to support full implementation of 10GBASE-T. A truly long-term investment, the Category 6A System is designed to outlast several equipment and application upgrades.

The Category 6A System is available in 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 Category 6A IDC System is a high-performance, space-saving modular connection system. For harsher EMI environments, the Category 6A Shielded System and the Category 6A 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.

Category 6A System is based on Belden's innovative enabling technologies.

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 Category 6A 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 Category 6A Pre-Terminated Cabling Systems ensures an uninterrupted electrical path for enhanced reliability.

Faster. Easier. Better.

10GB24 Category 6A U/UTP Cables

It's not uncommon to compromise on high performance, quality design or simple installation features to stay within budget when purchasing a 10 Gb/s cabling system. Design features that make installation easier (smaller size, greater flexibility, etc.) often come at a steep price. Important performance requirements, such as noise isolation between cable pairs, control of alien crosstalk often add bulk and increase installation costs. Belden's 10GB24 cables bring a cost-effective Category 6A U/UTP 500 MHz cabling system to the market that doesn't trade performance, design or ease of installation for affordability.



10GB24 Category 6 U/UTP Cables

Significant Space Savings
Faster and Easier Installation
25-Year Warranty

Benefits

- Protects against noise interference and network congestion
- Significant time savings during installation
- Full channel length of 100-meter performance
- Combines quality 10 Gb/s cable features: performance, design, installation ease & competitive price

Features

- Small 7.2 mm diameter reduces weight and space requirements
- Easy-to-separate pairs require fewer twists
- Small bend radius accommodates tight spaces and workstations
- Fast installation with easy-to-remove barrier tape and spline
- 25-year manufacturer-backed system warranty

Applications

- 10G-BASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W)
- Local area networks (LANs)

Traditional Cat6A U/UTP cable



10GB24 Cat6A U/UTP



Significant
space savings
thanks to
small 7.2 mm
diameter

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

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



Technical Information

Belden's cost-effective 10GB24 Category 6A U/UTP Cables don't sacrifice performance to make installation easier. As a premise horizontal cable for 10G Ethernet applications, 10GB24 combines simple installation with quality mechanical and electrical characteristics at a cost-competitive price. The cabling system helps building owners take advantage of 10 Gb/s speeds in high-density, high-bandwidth applications and devices, including data, voice, surveillance and wireless access points.

Standard Belden and IBDN colors of blue, white, purple and gray are available; other Belden colors are offered upon request.

Ordering Information

Description	Belden Part Number
-------------	--------------------

10GB24 • Category 6A • Verified System Cable, 4-Pair, 23 AWG, LSZH

Color	Length (m)	Reel
Blue	500	10GB24.06500
Purple	500	10GB24.07500
Grey	500	10GB24.08500
White	500	10GB24.09500
Color	Length (m)	Reel-in-Box
Blue	100	10GB24.06A100
Purple	100	10GB24.07A100
Grey	100	10GB24.08A100
White	100	10GB24.09A100

10GB924 • Category 6A • Verified System Cable, 4-Pair, 23 AWG, LSZH, IEC 60332-3-24*

Color	Length (m)	Reel
Blue	500	10GB924.06500
Purple	500	10GB924.07500
Grey	500	10GB924.08500
White	500	10GB924.09500
Color	Length (m)	Reel-in-Box
Blue	100	10GB924.06A100
Purple	100	10GB924.07A100
Grey	100	10GB924.08A100
White	100	10GB924.09A100

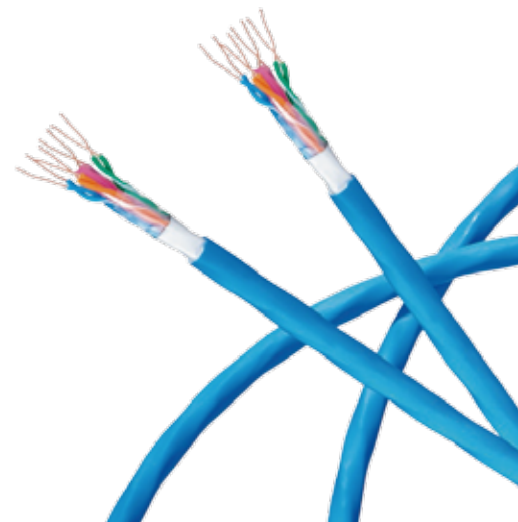
10GB12 • Category 6A • Verified System Cable, 4-Pair, 23 AWG, PVC*

Color	Length (m)	Reel
Blue	500	10GB12.06500
Purple	500	10GB12.07500
Grey	500	10GB12.08500
White	500	10GB12.09500
Color	Length (m)	Reel-in-Box
Blue	100	10GB12.06A100
Purple	100	10GB12.07A100
Grey	100	10GB12.08A100
White	100	10GB12.09A100

* Expected to be available in Q1 2016.
Other colours available upon request.



Enterprise applications
requiring high-density,
high-bandwidth connections





Up to 25% Space & Weight Savings

- 0.265" OD Category 6A cable (CMP)
- Improved shape for easier handling
- Durable, lightweight round construction

Optimized Electrical Performance

- Up to 10 dB of alien crosstalk headroom
- Exceeds TIA standards for full 100 m channels
- Superior crosstalk isolation and EMI suppression

Up to 25% Less Temperature Rise

- Delivers more than 100W from power source for 4-pair PoE
- More uniform heat dissipation and transfer
- Eliminates length de-rating up to 60°C

Industry Pathway Comparison

Product	Conduit				Basket Tray	Vert/Horiz Manager		J-Hook	Bundle
	¾"	1"	2"	4"	4"Dx12"W	3"x1"	3"x3"	2"	OD (48)
10GXS CMP	4	6	24	107	431	27	82	46	2.16"
10GXS CMR	3	6	23	101	406	26	77	44	2.22"
10GX	3	5	19	86	347	22	66	37	2.40"
Competitor Average	3	4	18	82	329	21	62	35	2.47"

Pathway fill used: Conduit 40%, Basket Tray and Vert/Horiz Manager 50%, J-Hook 70%

10GXS Cable Electrical Performance

(at maximum TIA frequency, 500MHz)

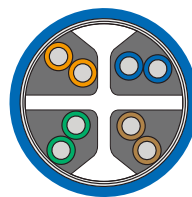
Parameter	TIA 568-C.2 Category 6A	10GXS	10GXS Min. Margin
Insertion Loss	45.3 dB	≤43.9 dB	3%
PSNEXT	31.8 dB	34.8 dB	3 dB
PSACR-F	10.8 dB	20.8 dB	10 dB
PSANEXT	52.0 dB	60.0 dB	8 dB
PSAACR-F	24.2 dB	34.2 dB	10 dB
Return Loss	15.2 dB	≥15.2 dB	Beyond Std

Key Applications

- 10GBASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W), Type 4 (90 W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)

Patented EquiSpline™ Design

- Maintains equal distance between pairs and outer barrier along the cable to prevent noise coupling
- Retains more air space around individual pairs for better electrical performance
- Improves cable roundness and flexibility for easier handling during installation
- Ensures structural integrity for better electrical control, reliability and long-term installable performance
- Optimizes balance and consistent cable geometry for reduced bit error rates



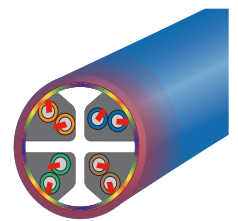
EquiSpline™ Design

Simplicity and Elegance in Design

- **Smaller Diameter:** Saves up to 25% on space and weight
- **Fewer Twists:** Easier to separate pairs for faster installation
- **Round Structure:** EquiSpline™ ensures structural integrity and maintains distance between pairs
- **Smaller Bend Radius:** Accommodates tighter spaces and workstations
- **Easier Tape Removal:** Easy to remove barrier tape for faster installation

EquiBlock™ Barrier Technology

- Improves heat transfer and achieves uniform heat flow dissipation to eliminate hotspots in cable bundles when delivering remote power
- Maintains low insertion loss at elevated temperatures to reduce length de-rating for improved PoE performance
- Blocks noise coupling and electromagnetic radiation by effectively surrounding the conductors with a Faraday cage
- Provides an electromagnetic barrier without concern for ground loops or needing to terminate a shield to ground
- Suppresses antenna effect caused by common mode ANEXT and EMI



EquiBlock™ Barrier Effects

Ordering Information

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

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

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

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

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

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

LSZH Available in Q4 2015

** Call for quote



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Category 6A UTP System Cable, 10 Gigabit Ethernet

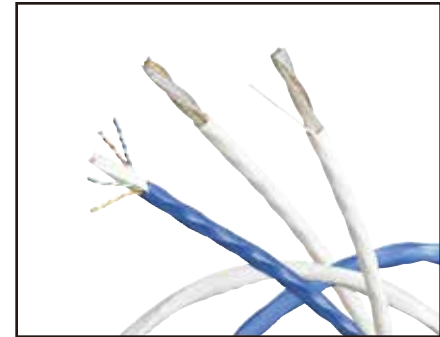
Nonbonded-Pair and Bonded-Pair

The Category 6A 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 Category 6A System, it provides 500 MHz of proven channel bandwidth and a data rate of 10 Gigabits per second.

- 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

Applications:

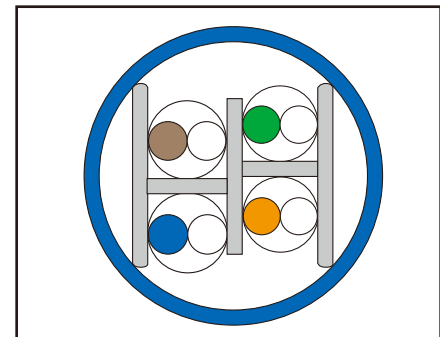
- 10GBASE-T Full Power Implementation (IEEE 802.3an)



Category 6A System Cable

Category 6A System UTP Cable

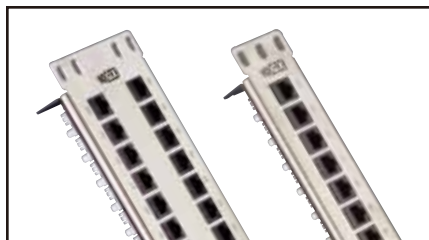
Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Unshielded, Category 6A					
1372ANH 006305M	Blue	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
1372ANH 008305M	Gray	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
Nonbonded-Pair, 4-pair, 23 AWG, CMR, Unshielded, Category 6A					
1372R 006305M	Blue	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
1372R 008305M	Gray	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
Nonbonded-Pair, 4-pair, 23 AWG, CM, Unshielded, Category 6A					
1372A 006305M	Blue	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
1372A 008305M	Gray	305m(1000ft)	Spool	15 spools/pallet	4575 m (15000 ft)
10GX Nonbonded-Pair, 4-pair, 23 AWG, CMR, Unshielded, H-spline, 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)
Bonded-Pair, 4-pair, 23 AWG, CMR, Unshielded, 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)
10GX24 Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Unshielded, Category 6A					
10GX24 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)
10GX24 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)
10GX24 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)
Bonded-Pair, 4-pair, 23 AWG, LSZH, Unshielded, Category 6A					
10GX44 0061000	Blue	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)
10GX44 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)
10GX44 0091000	White	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (27000 ft)



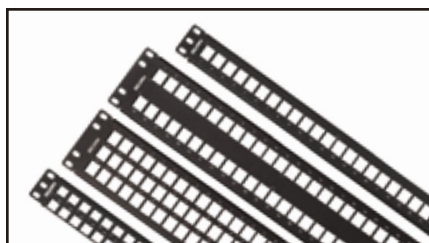
Innovative RoundFlex Design for 10GX Series Cables

Belden Category 6A Patch Panels

Preloaded and Modular



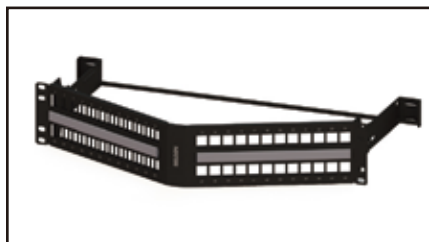
Category 6A Patch Panel (Preloaded)



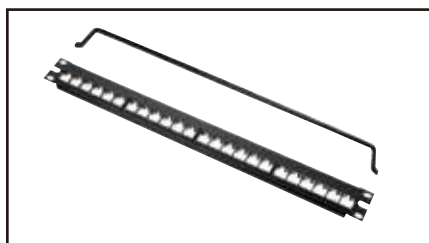
Category 6A Patch Panel (Empty)



KeyConnect AngleFlex Patch Panel (Empty)



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



Flex Patch Panel (Empty)

The Category 6A Patch Panel is a fully loaded patch panel designed to be used within the Category 6A System. The Category 6A Patch Panel features the revolutionary 10GX Connector, specifically designed to meet the difficult challenges of 10 Gb/s transmission. Category 6A 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 Category 6A 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 bidirectional 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 Category 6A KeyConnect Modular Jacks or Multimedia Modules.

Category 6A Patch Panels

Description	Belden Part Number
Category 6A KeyConnect Patch Panels (Preloaded)	
Category 6A KeyConnect Patch Panel, 24-port, 1U, Titanium (Preloaded)	AX103254
Category 6A KeyConnect Patch Panel, 48-port, 2U, Titanium (Preloaded)	AX103256
Category 6A Ultra High-Density Patch Panel (Preloaded)	
Category 6A Ultra High-Density Patch Panel, 1U, 48-port, Titanium (Preloaded)	AX103264
Category 6A KeyConnect Angled Patch Panel (Preloaded)	
Category 6A KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Preloaded)	AX105363
Category 6A KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Preloaded)	AX105364
Category 6A KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Preloaded)	AX105365

KeyConnect Modular Patch Panels

Description	Belden Part Number
KeyConnect Modular Patch Panels (Empty)	
KeyConnect Patch Panel, 24-port, 1U, Black (Empty)	AX106504-AP back support bar AX105931 is optional
KeyConnect Patch Panel, 48-port, 2U, Black (Empty)	AX106505-AP back support bar AX105931 is optional
KeyConnect Patch Panel, 72-port, 2U, Black (Empty)	AX103116
KeyConnect AngleFlex Modular Patch Panels (Empty)	
KeyConnect AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	AP103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	AP103249
KeyConnect Angled Modular Patch Panels (Empty)	
KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Empty)	AX104599
KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Empty)	AX104601
KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Empty)	AX104600

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Category 6A Modular Jacks

KeyConnect Style

The 10GX Module is a revolutionary punch down UTP connector designed to be used within the Category 6A 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. when used along with 10GX cables and connectivity.

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 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.

10GX Module, Category 6A

Description	Belden Part Number
	KeyConnect-Style
10GX Modular Jacks	
Gray	AX102280
Almond	AX102281
Electrical White	AX102282
Black	AX102283
Orange, TIA 606	AX102284
Red, TIA 606	AX102285
Yellow, TIA 606	AX102286
Green, TIA 606	AX102287
Blue, TIA 606	AX102288
Purple, TIA 606	AX102289
Brown, TIA 606	AX102290
Ivory	AX103073
Orange	AX104152
Red	AX104153
Yellow	AX104154
Green	AX104155
Blue	AX104156
Purple	AX104157
Brown	AX104158



KeyConnect Modular Jacks



10GX KeyConnect Modular Jack

Category 6A Traceable Patch Cords

Bonded-Pair Patch Cords



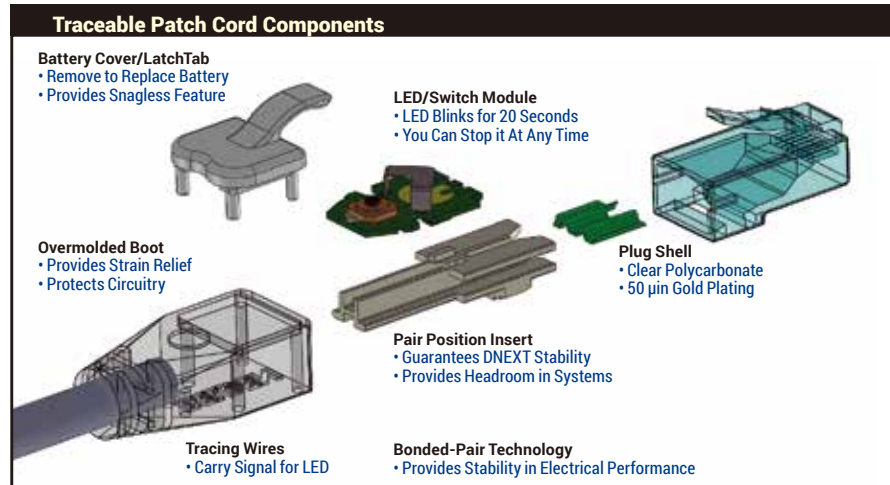
Unique Features

Belden Traceable Bonded-Pair Patch Cords have several unique features that make them an exceptional alternative to other patch cords on the market. They feature a highly-efficient and bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, the LED blinks for 20 seconds and can be stopped at any time with a second press of the button. The LED and its tracing wires are integrated right into the patch cord, eliminating the need for a separate power source.

Key Specifications

- Available in CAT6A and CAT6+ for end-to-end Belden Category 6A systems
- Exceptionally bright, efficient LED light for easy identification in both bright and dark environments
- Belden Bonded-Pair technology for extra robustness, performance and reliability
- Bar code tagging on each end of the cord compatible with DCIM systems

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



Category 6A Traceable Patch Cord, Bonded-Pair, 4-Pair, 24 AWG Solid, T568A/B-T568A/B, CMR

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

Custom lengths available up to 250-ft

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Category 6A Modular Cords

Nonbonded-Pair Cords and Pigtails

Belden's 6A modular copper cords are designed to be used as part of Belden copper systems in data centers or telecommunications rooms, where they can provide patch panel or equipment connections, consolidation point connections, or telecommunications outlet or MUTOA connections. Their unmatched performance exceeds all parameters specified in the Category 6A standard and all performance characteristics have been set to guarantee transmission performance up to 625 MHz. when used along with 10GX cables and connectivity.

Built with improved strain relief and a flexible boot for optimum protection in high-density installations, they feature a wrap-around label on each cord for easier product identification and length sorting and new vibrant patch cord colors to match the Belden range of horizontal cables.



10GX Modular Cord

Cat 6A UTP Patch Cord – APAC

CA991xxyyyM – PVC

CA241xxyyyM – LSZH

xx: Colour options, 02-red, 03-orange, 04-yellow, 05-green, 06-blue, 07-purple, 08-grey, 09-white, 00-black
yyy: Length in Mts. 001-1M, 010-10M etc.

Category 6A Modular Cords

Description	Belden Part Number						
	Yellow	Green	Blue	Gray	White	Black	Red
4PR 26AWG CAT6A UTP PVC Stranded Patch Cord							
0.5m	CA991040D5M	CA991050D5M	CA991060D5M	CA991080D5M	CA991090D5M	CA991000D5M	CA991020D5M
1m	CA99104001M	CA99105001M	CA99106001M	CA99108001M	CA99109001M	CA99100001M	CA99102001M
2m	CA99104002M	CA99105002M	CA99106002M	CA99108002M	CA99109002M	CA99100002M	CA99102002M
3m	CA99104003M	CA99105003M	CA99106003M	CA99108003M	CA99109003M	CA99100003M	CA99102003M
5m	CA99104005M	CA99105005M	CA99106005M	CA99108005M	CA99109005M	CA99100005M	CA99102005M
10m	CA99104010M	CA99105010M	CA99106010M	CA99108010M	CA99109010M	CA99100010M	CA99102010M
4PR 26AWG CAT6A UTP LSZH Stranded Patch Cord							
0.5m	CA241040D5M	CA241050D5M	CA241060D5M	CA241080D5M	CA241090D5M	CA241000D5M	CA241020D5M
1m	CA24104001M	CA24105001M	CA24106001M	CA24108001M	CA24109001M	CA24100001M	CA24102001M
2m	CA24104002M	CA24105002M	CA24106002M	CA24108002M	CA24109002M	CA24100002M	CA24102002M
3m	CA24104003M	CA24105003M	CA24106003M	CA24108003M	CA24109003M	CA24100003M	CA24102003M
5m	CA24104005M	CA24105005M	CA24106005M	CA24108005M	CA24109005M	CA24100005M	CA24102005M
10m	CA24104010M	CA24105010M	CA24106010M	CA24108010M	CA24109010M	CA24100010M	CA24102010M
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 150 ft in increments of 1 ft, 20 ft and 25 ft
All pigtaills also available in Bonded-Pair

Modular Cord Configuration Matrices

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:

CA24106003M is: 10GX Patch Cord, 4 pair 26 AWG, Stranded, LSZH, T568A/B-T568A/B, Blue, 3 Mts

Performance	Cable	Termination	Standard Color	Length
Patch Cords				
UTP & STP				
10GX UTP = CA	LSNH = 24	T568A/B - T568A/B = 1	Red = 02	0.5 m = 0D5M
	PVC = 99		Orange = 03	1.0 m = 001M
			Yellow = 04	2.0 m = 002M
			Green = 05	3.0 m = 003M
			Blue = 06	5.0 m = 005M
			Purple = 07	10.0 m = 010M
			Grey = 08	
			White = 09	
			Black = 00	
CAT5E UTP = C5P	LSNH = 4	T568A/B - T568A/B = 1	Red = 02	2 ft - 65 ft = 002F - 065F
CAT5E STP = C5C	PVC = 9		Orange = 03	1 m - 20 m = 001M - 020M
CAT6 UTP = C6P			Yellow = 04	
CAT6 STP = C6C			Green = 05	
CAT6A STP = CAC			Blue = 06	
			Purple = 07	
			Grey = 08	
			White = 09	
			Black = 10	

Pigtails Part Number Example:

C6P4304002M CAT6 Pigtail, Nonbonded-Pair, 4-Pair, 24AWG, LSZH, T568B-Open, Yellow, 2m

Performance	Cable	Termination	Standard Color	Length for 10GX
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	T568A-Open = 2	Red = 02	20 ft (6.1m) = 020
	10GX Bonded-Pair, Solid, CMP = 22		Orange = 03	25 ft (7.6m) = 025
CAT5E UTP = C5P	LSNH = 4	T568B-Open = 3	Yellow = 04	35 ft (10.6m) = 035
CAT5E STP = C5C	PVC = 9		Green = 05	50 ft (15.2m) = 050
CAT6 UTP = C6P			Blue = 06	75 ft (22.9m) = 075
CAT6 STP = C6C			Purple = 07	100 ft (30.5m) = 100
CAT6A STP = CAC			Gray = 08	Length (exclude 10GX)
			White = 09	2 ft - 65 ft = 002F - 065F
			Black = 00	1 m - 20 m = 001M - 020M
			TIA 606 Color	
			Red = 12	
			Orange = 13	
			Yellow = 14	
			Green = 15	
			Blue = 16	
			Purple = 17	

* TIA 606 Color is only for 10GX series

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		Yellow = 04	2 ft (0.6 m) = 002
CAT6+ = C6	C6/5 Bonded-Pair, Solid, CMR = 01	Crossover IEEE = 5	Purple = 07	3 ft (0.9 m) = 003
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMP = 02	Rollover = 6	White = 09	4 ft (1.2 m) = 004
			Blue = 06	5 ft (1.5 m) = 005
			Black = 00	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

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Category 6A Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels

The Category 6A 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 Category 6A Pre-Terminated Cable Assemblies and the Category 6A 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 Category 6A 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.



Category 6A Pre-Terminated Cable Assemblies



Category 6A RJ45 Coupler

Category 6A Cable Assemblies

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

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

Category 6A KeyConnect Patch Panels

Description	Belden Part Number
Category 6A KeyConnect Coupler Patch Panels (Preloaded)	
Category 6A KeyConnect Coupler Patch Panel, 24-port, 1U, Titanium (Preloaded)	AX104141
Category 6A KeyConnect Coupler Patch Panel, 48-port, 2U, Titanium (Preloaded)	AX104142
Category 6A KeyConnect Coupler Patch Panel, 48-port, 1U, Titanium (Preloaded)	AX104592
Category 6A KeyConnect AngleFlex Coupler Patch Panel, 24-port, 1U, Black (Preloaded)	AX104569
Category 6A KeyConnect AngleFlex Coupler Patch Panel, 48-port, 2U, Black (Preloaded)	AX104571
Category 6A KeyConnect Angled Coupler Patch Panel (Preloaded)	
Category 6A KeyConnect Angled Coupler Patch Panel, 24 - port, 1U, Black (Preloaded)	AX105300
Category 6A KeyConnect Angled Coupler Patch Panel, 48 - port, 2U, Black (Preloaded)	AX105301
Category 6A KeyConnect Angled Coupler Patch Panel, 48 - port, 1U, Black (Preloaded)	AX105348
Category 6A KeyConnect Vertical Mount Patch Panel (Preloaded)	
Category 6A KeyConnect Vertical Mount Patch Panel, 8 - Port, Black (Preloaded)	AX105366

Empty Patch Panels can be used when colored couplers are used

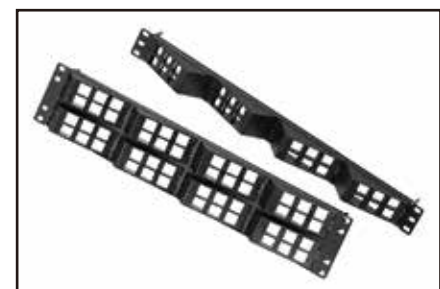


Category 6A KeyConnect Patch Panels (Preloaded)

Category 6A KeyConnect RJ Coupler

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

Complete the Category 6A Pre-Terminated System with Category 6A Modular Cords, see page 13 for ordering information.



KeyConnect AngleFlex Patch Panels (Empty)



Category 6A IDC Connector

Category 6A IDC System

Connecting Components, Accessories, X-Connect Cable

The Belden Category 6A 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 Category 6A 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.



Category 6A IDC Patch Panel, shown with 10GX IDC Connectors

Category 6A IDC System

Description	Belden Part Number
Category 6A IDC Patch Panel Components	
Category 6A IDC Patch Panel, 24-port, 1U, Black (Empty)	AX104138
Category 6A IDC Connector (24 units/pkg)	AX104139
Category 6A IDC Block Front (100 units/pkg)	AX102679
Category 6A IDC Block Rear (100 units/pkg)	AX102680
Category 6A IDC Accessories	
Category 6A IDC Test Adapter	AX104006
Category 6A IDC X-Connect Cable	
Category 6A IDC X-Connect Cable	10GX12 XXX1000

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



Category 6A IDC X-Connect Cable

Category 6A 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



Category 6A IDC Frame

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F/UTP Cable, Category 6A

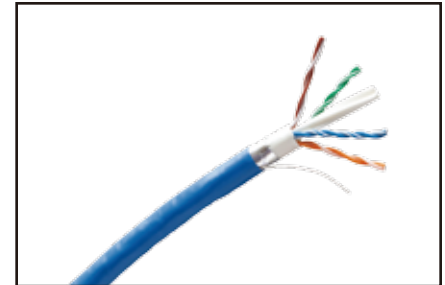
Nonbonded-Pair and Bonded-Pair

This Category 6A 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 Category 6A Shielded System, it provides 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.

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



Category 6A Shielded System Cable

Category 6A Shielded System Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Category 6A, Nonbonded-Pair, 4-pair, 23 AWG, CMR, F/UTP					
1381R 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
1381R 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
Category 6A, Nonbonded-Pair, 4-pair, 23 AWG, CM, F/UTP					
1381A 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
1381A 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
Category 6A, Nonbonded-Pair, 4-pair, 23 AWG, LSZH (IEC60332-1), F/UTP					
1381ANH 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
1381ANH 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
Category 6A, Nonbonded-Pair, 4-pair, 23 AWG, LSZH (IEC60332-3), F/UTP					
1381ANC 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
1381ANC 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (1800 ft)
10GX Category 6A, Bonded-Pair, 4-pair, 23 AWG, CMR, 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 Category 6A, Bonded-Pair, 4-pair, 23 AWG, CMP, 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 Category 6A, Bonded-Pair, 4-pair, 23 AWG, LSZH, F/UTP					
10GX64F 0071000	Purple	305 m (1000 ft)	Spool	20 spools/pallet	6100 m (20000 ft)

Category 6A Shielded System (continued) KeyConnect Patch Panels, Modular Jacks and Cords



Category 6A Shielded Modular Patch Panel (Empty)

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. They come with a ground wire to guarantee shielding integrity (per TIA-607-B) and cable management brackets for neat cable dressing. The KeyConnect Shielded Patch Panels can be configured using Category 6A Shielded Modular Jacks or any other KeyConnect modules.

The Category 6A Shielded KeyConnect Jack is a rugged tool-less connector designed to be

used within the Belden Category 6A 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.

Category 6A 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.



KeyConnect Shielded Patch Panel Angled 48-p, 2U

KeyConnect Shielded Modular Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24 port, 1U, Empty	AX106504-AP back support bar AX105931 is option
KeyConnect Shielded Patch Panel, 48 port, 2U, Empty	AX106505-AP back support bar AX105931 is option
KeyConnect Shielded Angled Patch Panel, 24 port, 1U, Titanium (Empty)	AX104622
KeyConnect Shielded Angled Patch Panel, 48 port, 2U, Titanium (Empty)	AX104623
KeyConnect Shielded Angled Patch Panel, 24 port, 1U, Black (Empty)	AX106812

Category 6A Shielded Modular Jacks

Description	Belden Part Number
Category 6A Shielded KeyConnect Modular Jack, Metallic	AX104562



Category 6A Shielded KeyConnect Modular Jack



Category 6A Shielded Modular Cord

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

Faster.
Easier.
Better.



Category 6A Shielded System (continued)
KeyConnect Patch Panels, Modular Jacks and Cords

Category 6A Shielded Modular Cords

Description	Belden Part Number					
	Blue	White	Gray	Green	Red	Yellow
4PR 26AWG CAT6A STP PVC Stranded Patch Cord, Shielded 8P8C Plugs W/Insert Molded Boots, T568A/B Wiring						
2 ft	CAC9106002F	CAC9109002F	CAC9108002F	CAC9105002F	CAC9102002F	CAC9104002F
3 ft	CAC9106003F	CAC9109003F	CAC9108003F	CAC9105003F	CAC9102003F	CAC9104003F
4 ft	CAC9106004F	CAC9109004F	CAC9108004F	CAC9105004F	CAC9102004F	CAC9104004F
x ft (1-65ft)	CAC9106xxxF	CAC9109xxxF	CAC9108xxxF	CAC9105xxxF	CAC9102xxxF	CAC9104xxxF
1m	CAC9106001M	CAC9109001M	CAC9108001M	CAC9105001M	CAC9102001M	CAC9104001M
2m	CAC9106002M	CAC9109002M	CAC9108002M	CAC9105002M	CAC9102002M	CAC9104002M
3m	CAC9106003M	CAC9109003M	CAC9108003M	CAC9105003M	CAC9102003M	CAC9104003M
xm (1-20m)	CAC9106xxxM	CAC9109xxxM	CAC9108xxxM	CAC9105xxxM	CAC9102xxxM	CAC9104xxxM
4PR 26AWG CAT6A STP LSZH Stranded Patch Cord						
2 ft	CAC4106002F	CAC4109002F	CAC4108002F	CAC4105002F	CAC4102002F	CAC4104002F
3 ft	CAC4106003F	CAC4109003F	CAC4108003F	CAC4105003F	CAC4102003F	CAC4104003F
4 ft	CAC4106004F	CAC4109004F	CAC4108004F	CAC4105004F	CAC4102004F	CAC4104004F
x ft (1-65ft)	CAC4106xxxF	CAC4109xxxF	CAC4108xxxF	CAC4105xxxF	CAC4102xxxF	CAC4104xxxF
1m	CAC4106001M	CAC4109001M	CAC4108001M	CAC4105001M	CAC4102001M	CAC4104001M
2m	CAC4106002M	CAC4109002M	CAC4108002M	CAC4105002M	CAC4102002M	CAC4104002M
3m	CAC4106003M	CAC4109003M	CAC4108003M	CAC4105003M	CAC4102003M	CAC4104003M
xm (1-20m)	CAC4106xxxM	CAC4109xxxM	CAC4108xxxM	CAC4105xxxM	CAC4102xxxM	CAC4104xxxM

* Our most common configurations shown. For more options, please see the SmartPart Number chart on page 14

Category 6A Shielded Pre-Terminated Cabling System

Cable Assemblies, Couplers, Patch Panels, Cords



Category 6A Shielded Pre-Terminated Cable System



Category 6A Shielded KeyConnect RJ45 Coupler

The Category 6A 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 Category 6A Shielded Pre-Terminated Cable Assemblies and the Category 6A 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 Category 6A 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.

Category 6A Shielded Pre-Terminated Cabling System

Description	Belden Part Number			
	Black	Blue	Gray	White
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

Category 6A KeyConnect Shielded RJ45 Coupler

Description	Belden Part Number
10GX KeyConnect Shielded RJ45 Coupler	AX104501

KeyConnect Shielded Patch Panels

Description	Belden Part Number
KeyConnect Shielded Modular Patch Panel, 24-ports, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Modular Patch Panel, 48-ports, 2U, Titanium (Empty)	AX104564



SECTION TWO

Category 6 Systems

Table of Contents	Page
Category 6 Systems	21-36
DataTwist Category 6 Cables	22-25
Category 6 Cables	26
MediaTwist Cable	27
KeyConnect Patch Panels	28
CAT6+ Modular Jacks	29
CAT6+ Traceable Patch Cords	30
CAT6 Modular Cords	31
Pre-Terminated Cabling System	32
GigaBIX IDC System	33
DataTwist Shielded Cable	34
CAT6+ Shielded Patch Panels and Shielded Modular Jacks	35
CAT6 Shielded Modular Cords	36



Belden offers three beyond-standards Category 6 copper systems to support a variety of price-performance ratios, applications, environments and operational life spans—Belden Category 6 Systems. Each Category 6 system is comprised of DataTwist Cable with various guaranteed bandwidth levels and application recommendations, preloaded and modular KeyConnect Patch Panels, CAT6+ Modular Jacks and CAT6+ Modular Cords.

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

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

Belden Category 6 System offers a guaranteed performance based on EIA/TIA Standards for gigabit applications.

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

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

With Shielded Cables, Shielded Patch Panels and Category 6+ 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 UTP Cable

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

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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)

Faster.
Easier.
Better.



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

DataTwist 4800 UTP Cable

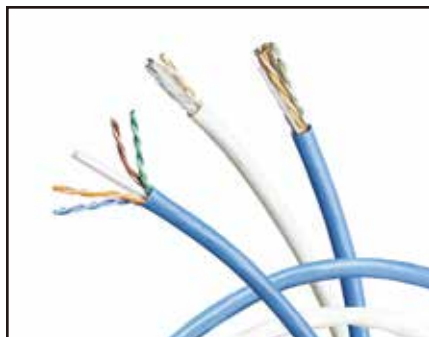
Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 4800, Bonded-Pair, 4-pair, 23 AWG, CMR, Category 6					
7851A 002A1000	Red	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	5490 m (18000 ft)
7851A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	18 boxes/pallet	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 4800 UTP Cable

DataTwist 3600 Cable, Category 6

Nonbonded-Pair and Bonded-Pair



DataTwist 3600 Cable

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 UTP Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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)

Faster.
Easier.
Better.

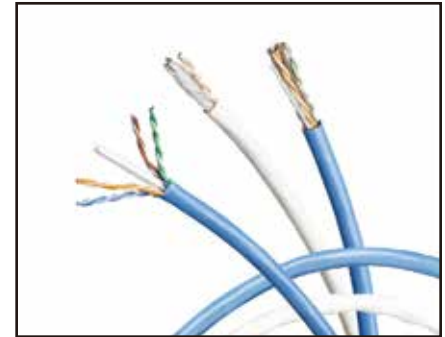


DataTwist 3600 Cable, Category 6 (continued)

Nonbonded-Pair and Bonded-Pair

DataTwist 3600 UTP Cable

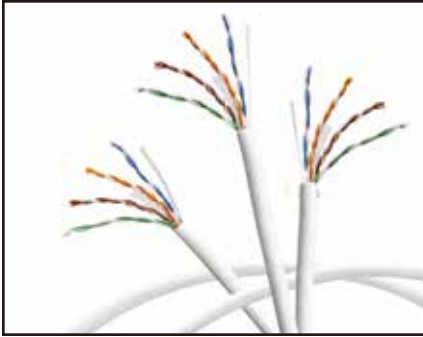
Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 3600, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, Category 6					
3624 0061000	Blue	305 m (1000 ft)	Spool	48 spools/pallet	14640 m (48000 ft)
3624 0071000	Purple	305 m (1000 ft)	Spool	48 spools/pallet	14640 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 3600 Cable

Category 6 Cable

Nonbonded-Pair



Category 6 Cable

Category 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 Category 6 System, it provides at least 250 MHz of bandwidth.

Category 6 UTP Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Nonbonded-Pair, 4-pair, 24AWG, CM, Category 6					
7814A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7814A 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 24AWG, CMR, Category 6					
7814R 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7814R 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 24AWG, LSZH, Category 6					
7814ANH 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7814ANH 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 23AWG, CM, Category 6					
7834A 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7834A 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 23AWG, LSZH, Category 6 (IEC60332-1)					
7834ANH 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7834ANH 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 23AWG, CMR, Category 6					
7834R 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7834R 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 23AWG, LSZH, Category 6, (IEC60332-3)					
7834ANC 006A1000	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
7834ANC 008A1000	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)

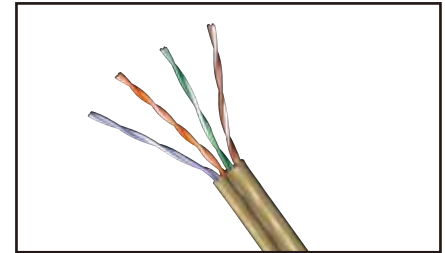
Faster.
Easier.
Better.



MediaTwist UTP Cable, Category 6 Bonded-Pair

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

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



MediaTwist Cable

MediaTwist UTP Cable

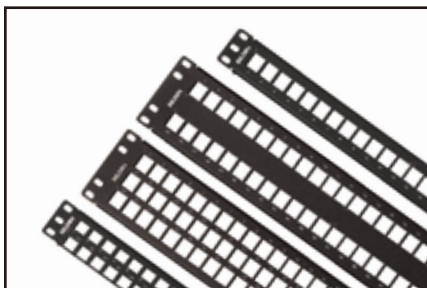
Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
MediaTwist, Bonded-Pair, 23 AWG, CMR, Category 6					
1872A 002A1000	Red	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 m (27000 ft)
1872A 003A1000	Orange	305 m (1000 ft)	Spool-in-Box	27 boxes/pallet	8235 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



CAT6+ KeyConnect Patch Panels (Preloaded)



KeyConnect Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels

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

The KeyConnect Patch Panel series also includes the unique AngleFlex Patch Panel available in 24-port/1U and 48-port/2U

configurations. Patent-pending removable angled inserts provide intuitive left, right or bi-directional patch cord routing and more efficient switch connection. Angled inserts eliminate the need for horizontal cable management, for a 27% space savings per rack.

The KeyConnect and AngleFlex panels can be configured using CAT6+ KeyConnect Modular Jacks or Multimedia Modules. The KeyConnect Angled Patch Panels (v-shape) are available in preloaded and empty configurations.

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

CAT6+ Patch Panels

Description	Belden Part Number
CAT6+ KeyConnect Patch Panels (Preloaded)	
CAT6+ KeyConnect Patch Panels, 24-port, 1U, Black (Preloaded)	AX103253
CAT6+ KeyConnect Patch Panels, 24-port, 1U, Black, Short Cable Management (Preloaded)	AX103253-SCM
CAT6+ KeyConnect Patch Panels, 48-port, 2U, Black (Preloaded)	AX103255
CAT6+ KeyConnect Patch Panels, 48-port, 2U, Black, Short Cable Management (Preloaded)	AX103255-SCM
CAT6+ KeyConnect Patch Panels, 48-port, 1U, Black (Preloaded)	AX103263
CAT6+ KeyConnect Angled Patch Panel (Preloaded)	
CAT6+ KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Preloaded)	AX105360
CAT6+ KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Preloaded)	AX105361
CAT6+ KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Preloaded)	AX105362

KeyConnect Modular Patch Panels

Description	Belden Part Number
KeyConnect Patch Panels (Empty)	
KeyConnect Modular Patch Panel, 24-port, 1U, Black (Empty)	AX106504-AP <small>back support bar AX105931 is optional</small>
KeyConnect Modular Patch Panel, 48-port, 2U, Black (Empty)	AX106505-AP <small>back support bar AX105931 is optional</small>
KeyConnect Modular Patch Panel, 72-port, 2U, Black (Empty)	AX103116
KeyConnect Modular Patch Panel, 96-port, 3U, Black (Empty)	AX105371
KeyConnect AngleFlex Modular Patch Panels (Empty)	
KeyConnect AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	AP103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	AP103249
KeyConnect Angled Patch Panels (Empty)	
KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Empty)	AX104599
KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Empty)	AX104601
KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Empty)	AX104600

MDVO Modular

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

Faster.
Easier.
Better.



CAT 6+ Jack

MDVO

GigaFlex PS6+ module is a new crimp UTP connector of modular connectivity line, completely meeting the requirements of ISO/IEC 11801:2002 Ed2.0. GigaFlex PS6+ module is based on the patented Encapsulated Lead Frame technology, ensuring the superior long-term reliability and extremely stable transmission performance. The unique linear IDC termination interface allows for rapidly and easily installing GigaFlex, 110 or Krone connecting tools. The patented wire pairs positioning fixture can ensure that the installer have consistent installation performance. GigaFlex PS6+ module is the best choice for the termination UTP cords in MediaFlex and Interface series of interface panel. It also can mate with extensive MDVO adapters, MDVO boxes and modular distribution frame, and apply to almost any installation applications of workstation outlets, consolidation points and communication room. Its unmatched PS6 performance exceeds all the parameters of CAT6 standard. All the performances including NEXT, FEXT, attenuation and return loss are designed to guarantee the transmission performance of bandwidth of 300 MHz. GigaFlex PS6+ module is designed for all Cat6 systems.

MDVO Modular Jacks

Description	Belden Part Number
	MDVO
Gray	AX101063
Beige	AX101064
White	AX101065
Black	AX101066
Orange	AX101067
Red	AX101068
Yellow	AX101069
Green	AX101070
Blue	AX101071
Purple	AX101072
Brown	AX101073



KeyConnect Modular Jacks

CAT6+ Modular Jacks

KeyConnect

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 Category 6A 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 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.

Key Connect Modular Jacks

Description	Belden Part Number
	KeyConnect-Style
Gray	AX101318
Almond	AX101319
Electrical White	AX101320
Black	AX101321
Orange, TIA 606	AX101322
Red, TIA 606	AX101323
Yellow, TIA 606	AX101324
Green, TIA 606	AX101325
Blue, TIA 606	AX101326
Purple, TIA 606	AX101327
Brown, TIA 606	AX101328
Ivory	AX103076
Orange	AX104189
Red	AX104190
Yellow	AX104191
Green	AX104192
Blue	AX104193
Purple	AX104194
Brown	AX104195



CAT6+ KeyConnect Modular Jack

CAT6+ Traceable Patch Cords

Bonded-Pair Patch Cords



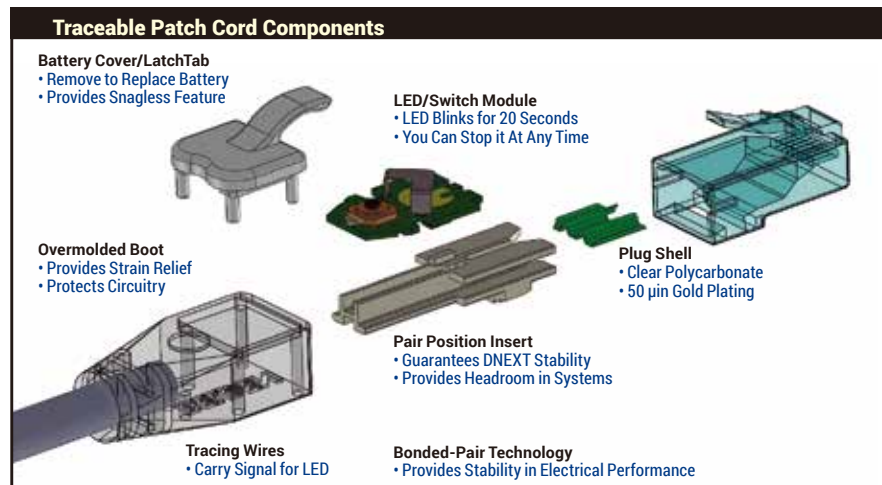
Unique Features

Belden Traceable Bonded-Pair Patch Cords have several unique features that make them an exceptional alternative to other patch cords on the market. They feature a highly-efficient and bright LED with a battery life expectancy of seven years, or 1,000 activations (battery is also replaceable). When activated, the LED blinks for 20 seconds and can be stopped at any time with a second press of the button. The LED and its tracing wires are integrated right into the patch cord, eliminating the need for a separate power source.

Key Specifications

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

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



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

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

Custom lengths available up to 250-ft

Faster.
Easier.
Better.



CAT6 UTP Modular Cords

Nonbonded-Pair Patch Cords

The CAT6+ Series of Patch Cords are made with Belden's. High performance stranded patch cables. These modular cords offer the best combination of transmission performance and physical integrity.

Features

- Stranded conductors improve Flexibility
- Improved strain relief and a flexible boot for optimum protection in high-density installations

Benefits

- Exceeds TIA and ISO transmission and mechanical performance requirements



CAT6 Nonbonded-Pair Patch Cord

CAT6 UTP Modular Cords

Description	Belden Part Number								
	Red	Orange	Yellow	Green	Blue	Purple	Gray	White	Black
CAT6 Unshielded Modular Cords, 4 pair, 24AWG Stranded, PVC									
1ft	C6P9102001F	C6P9103001F	C6P9104001F	C6P9105001F	C6P9106001F	C6P9107001F	C6P9108001F	C6P9109001F	C6P9110001F
2ft	C6P9102002F	C6P9103002F	C6P9104002F	C6P9105002F	C6P9106002F	C6P9107002F	C6P9108002F	C6P9109002F	C6P9110002F
3ft	C6P9102003F	C6P9103003F	C6P9104003F	C6P9105003F	C6P9106003F	C6P9107003F	C6P9108003F	C6P9109003F	C6P9110003F
xft (1-65ft)	C6P9102xxxF	C6P9103xxxF	C6P9104xxxF	C6P9105xxxF	C6P9106xxxF	C6P9107xxxF	C6P9108xxxF	C6P9109xxxF	C6P9110xxxF
1m	C6P9102001M	C6P9103001M	C6P9104001M	C6P9105001M	C6P9106001M	C6P9107001M	C6P9108001M	C6P9109001M	C6P9110001M
2m	C6P9102002M	C6P9103002M	C6P9104002M	C6P9105002M	C6P9106002M	C6P9107002M	C6P9108002M	C6P9109002M	C6P9110002M
3m	C6P9102003M	C6P9103003M	C6P9104003M	C6P9105003M	C6P9106003M	C6P9107003M	C6P9108003M	C6P9109003M	C6P9110003M
xm (1-20m)	C6P9102xxxM	C6P9103xxxM	C6P9104xxxM	C6P9105xxxM	C6P9106xxxM	C6P9107xxxM	C6P9108xxxM	C6P9109xxxM	C6P9110xxxM
CAT6 Unshielded Modular Cords, 4 pair, 24AWG Stranded, LSZH									
1ft	C6P4102001F	C6P4103001F	C6P4104001F	C6P4105001F	C6P4106001F	C6P4107001F	C6P4108001F	C6P4109001F	C6P4110001F
2ft	C6P4102002F	C6P4103002F	C6P4104002F	C6P4105002F	C6P4106002F	C6P4107002F	C6P4108002F	C6P4109002F	C6P4110002F
3ft	C6P4102003F	C6P4103003F	C6P4104003F	C6P4105003F	C6P4106003F	C6P4107003F	C6P4108003F	C6P4109003F	C6P4110003F
xft (1-65ft)	C6P4102xxxF	C6P4103xxxF	C6P4104xxxF	C6P4105xxxF	C6P4106xxxF	C6P4107xxxF	C6P4108xxxF	C6P4109xxxF	C6P4110xxxF
1m	C6P4102001M	C6P4103001M	C6P4104001M	C6P4105001M	C6P4106001M	C6P4107001M	C6P4108001M	C6P4109001M	C6P4110001M
2m	C6P4102002M	C6P4103002M	C6P4104002M	C6P4105002M	C6P4106002M	C6P4107002M	C6P4108002M	C6P4109002M	C6P4110002M
3m	C6P4102003M	C6P4103003M	C6P4104003M	C6P4105003M	C6P4106003M	C6P4107003M	C6P4108003M	C6P4109003M	C6P4110003M
xm (1-20m)	C6P4102xxxM	C6P4103xxxM	C6P4104xxxM	C6P4105xxxM	C6P4106xxxM	C6P4107xxxM	C6P4108xxxM	C6P4109xxxM	C6P4110xxxM
CAT6 Unshielded Pigtailed, 4 pair, 24AWG Solid, TIA-A, PVC									
1ft	C6P9202001F	C6P9203001F	C6P9204001F	C6P9205001F	C6P9206001F	C6P9207001F	C6P9208001F	C6P9209001F	C6P9210001F
2ft	C6P9202002F	C6P9203002F	C6P9204002F	C6P9205002F	C6P9206002F	C6P9207002F	C6P9208002F	C6P9209002F	C6P9210002F
3ft	C6P9202003F	C6P9203003F	C6P9204003F	C6P9205003F	C6P9206003F	C6P9207003F	C6P9208003F	C6P9209003F	C6P9210003F
xft (1-65ft)	C6P9202xxxF	C6P9203xxxF	C6P9204xxxF	C6P9205xxxF	C6P9206xxxF	C6P9207xxxF	C6P9208xxxF	C6P9209xxxF	C6P9210xxxF
1m	C6P9202001M	C6P9203001M	C6P9204001M	C6P9205001M	C6P9206001M	C6P9207001M	C6P9208001M	C6P9209001M	C6P9210001M
2m	C6P9202002M	C6P9203002M	C6P9204002M	C6P9205002M	C6P9206002M	C6P9207002M	C6P9208002M	C6P9209002M	C6P9210002M
3m	C6P9202003M	C6P9203003M	C6P9204003M	C6P9205003M	C6P9206003M	C6P9207003M	C6P9208003M	C6P9209003M	C6P9210003M
xm (1-20m)	C6P9202xxxM	C6P9203xxxM	C6P9204xxxM	C6P9205xxxM	C6P9206xxxM	C6P9207xxxM	C6P9208xxxM	C6P9209xxxM	C6P9210xxxM
CAT6 Unshielded Pigtailed, 4 pair, 24AWG Solid, TIA-B, PVC									
1ft	C6P9302001F	C6P9303001F	C6P9304001F	C6P9305001F	C6P9306001F	C6P9307001F	C6P9308001F	C6P9309001F	C6P9310001F
2ft	C6P9302002F	C6P9303002F	C6P9304002F	C6P9305002F	C6P9306002F	C6P9307002F	C6P9308002F	C6P9309002F	C6P9310002F
3ft	C6P9302003F	C6P9303003F	C6P9304003F	C6P9305003F	C6P9306003F	C6P9307003F	C6P9308003F	C6P9309003F	C6P9310003F
xft (1-65ft)	C6P9302xxxF	C6P9303xxxF	C6P9304xxxF	C6P9305xxxF	C6P9306xxxF	C6P9307xxxF	C6P9308xxxF	C6P9309xxxF	C6P9310xxxF
1m	C6P9302001M	C6P9303001M	C6P9304001M	C6P9305001M	C6P9306001M	C6P9307001M	C6P9308001M	C6P9309001M	C6P9310001M
2m	C6P9302002M	C6P9303002M	C6P9304002M	C6P9305002M	C6P9306002M	C6P9307002M	C6P9308002M	C6P9309002M	C6P9310002M
3m	C6P9302003M	C6P9303003M	C6P9304003M	C6P9305003M	C6P9306003M	C6P9307003M	C6P9308003M	C6P9309003M	C6P9310003M
xm (1-20m)	C6P9302xxxM	C6P9303xxxM	C6P9304xxxM	C6P9305xxxM	C6P9306xxxM	C6P9307xxxM	C6P9308xxxM	C6P9309xxxM	C6P9310xxxM
CAT6 Unshielded Pigtailed, 4 pair, 24AWG Solid, TIA-A, LSZH									
1ft	C6P4202001F	C6P4203001F	C6P4204001F	C6P4205001F	C6P4206001F	C6P4207001F	C6P4208001F	C6P4209001F	C6P4210001F
2ft	C6P4202002F	C6P4203002F	C6P4204002F	C6P4205002F	C6P4206002F	C6P4207002F	C6P4208002F	C6P4209002F	C6P4210002F
3ft	C6P4202003F	C6P4203003F	C6P4204003F	C6P4205003F	C6P4206003F	C6P4207003F	C6P4208003F	C6P4209003F	C6P4210003F
xft (1-65ft)	C6P4202xxxF	C6P4203xxxF	C6P4204xxxF	C6P4205xxxF	C6P4206xxxF	C6P4207xxxF	C6P4208xxxF	C6P4209xxxF	C6P4210xxxF
1m	C6P4202001M	C6P4203001M	C6P4204001M	C6P4205001M	C6P4206001M	C6P4207001M	C6P4208001M	C6P4209001M	C6P4210001M
2m	C6P4202002M	C6P4203002M	C6P4204002M	C6P4205002M	C6P4206002M	C6P4207002M	C6P4208002M	C6P4209002M	C6P4210002M
3m	C6P4202003M	C6P4203003M	C6P4204003M	C6P4205003M	C6P4206003M	C6P4207003M	C6P4208003M	C6P4209003M	C6P4210003M
xm (1-20m)	C6P4202xxxM	C6P4203xxxM	C6P4204xxxM	C6P4205xxxM	C6P4206xxxM	C6P4207xxxM	C6P4208xxxM	C6P4209xxxM	C6P4210xxxM

* Our most common configurations shown. For more options, please see the SmartPart Number chart on page 14

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 unflinching 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

3600 Pre-Terminated Cabling System

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

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

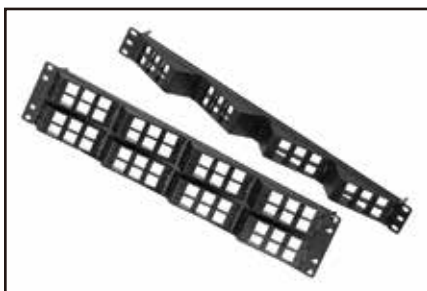


CAT6+ KeyConnect Coupler Patch Panel (Preloaded)

CAT6+ KeyConnect Patch Panels

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

Empty Patch Panels can be used when colored couplers are used



KeyConnect AngleFlex Patch Panels (Empty)

CAT6+ KeyConnect RJ45 Coupler

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

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

Faster.
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GigaBIX IDC System, Category 6

Kits, Components, Patch Cords and Accessories

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

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

GigaBIX IDC System

Description	Belden Part Number
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 000I000

CAT6+ GigaBIX Patch Cords

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



GigaBIX Termination Kit, 72-port



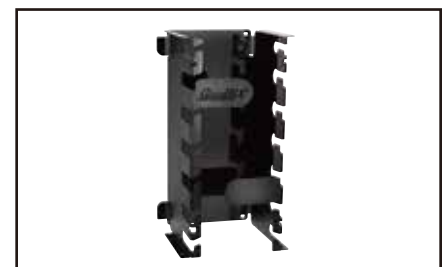
GigaBIX Connector, 6-port



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



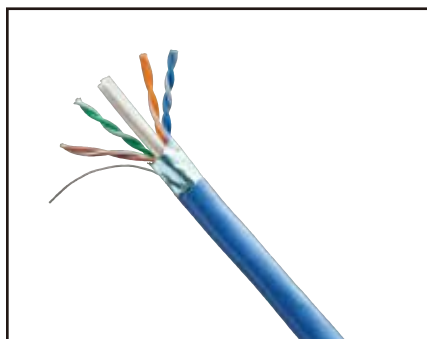
GigaBIX Cable Management Module



GigaBIX Patch Cord Organizer

DataTwist 7815A Shielded Cable, Category 6

Nonbonded-Pair



DataTwist 2400 Shielded Cable

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 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.

Category 6 Shielded Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Nonbonded-Pair, 4-pair, 24AWG, CM, Category 6					
7815A 002305M	Red	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 003305M	Orange	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 004305M	Yellow	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 005305M	Green	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815A 009305M	White	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
Nonbonded-Pair, 4-pair, 24AWG, LSZH, Category 6					
7815ANH 002305M	Red	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 003305M	Orange	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 004305M	Yellow	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 005305M	Green	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
7815ANH 009305M	White	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)

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CAT6+ Shielded Patch Panels and Shielded Modular Jacks

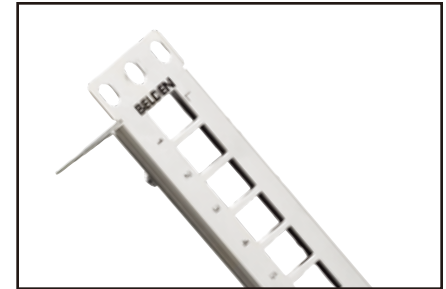
KeyConnect and Modular

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 and MediaFlex Workstation Outlets.



Shielded Modular Patch Panel (Empty)



CAT6+ Shielded KeyConnect Modular Jack

KeyConnect Shielded Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24 port, 1U, Empty	AX106504-AP back support bar AX105931 is option
KeyConnect Shielded Patch Panel, 48 port, 2U, Empty	AX106505-AP back support bar AX105931 is option
KeyConnect Shielded Patch Panel, 24 port, 1U, Titanium (Empty)	AX104563
KeyConnect Shielded Patch Panel, 48 port, 2U, Titanium (Empty)	AX104564
KeyConnect Shielded Patch Panel, 24 port, 1U, Black (Empty)	AX106812

CAT6+Shielded KeyConnect Modular Jacks

Description	Belden Part Number
CAT6+ Shielded KeyConnect Modular Jack, Metallic	AX104596

CAT6 Shielded Modular Cords

Patch Cords and Pigtails

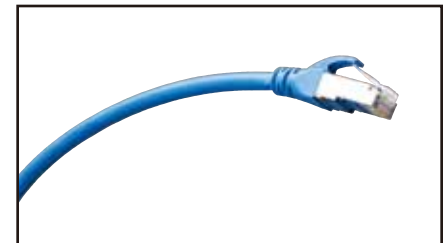
The CAT6 Shielded Modular Cords are 4-pair 24 AWG F/UTP modular cords designed to be used within the Belden Shielded System. These modular cords offer the best combination of transmission performance and shielding integrity.

Features

- Made with small diameter for greater flexibility and higher density installations
- Stranded conductors 24 AWG improve and are needed in long patch cords and
- Improved strain relief and a flexible boot for optimum protection in high-density installations

Benefits

- Exceeds TIA transmission and mechanical performance requirements



CAT6 Shielded Modular Cord



CAT6 Shielded Modular Cords (continued)

Patch Cords and Pigtails

CAT6 Modular Cords

Description	Belden Part Number								
	Red	Orange	Yellow	Green	Blue	Purple	Gray	White	Black
CAT6 Shielded Modular Cords , 4 pair , 24AWG Stranded , PVC									
1ft	C6C9102001F	C6C9103001F	C6C9104001F	C6C9105001F	C6C9106001F	C6C9107001F	C6C9108001F	C6C9109001F	C6C9110001F
2ft	C6C9102002F	C6C9103002F	C6C9104002F	C6C9105002F	C6C9106002F	C6C9107002F	C6C9108002F	C6C9109002F	C6C9110002F
3ft	C6C9102003F	C6C9103003F	C6C9104003F	C6C9105003F	C6C9106003F	C6C9107003F	C6C9108003F	C6C9109003F	C6C9110003F
xft (1-65f)	C6C9102xxxF	C6C9103xxxF	C6C9104xxxF	C6C9105xxxF	C6C9106xxxF	C6C9107xxxF	C6C9108xxxF	C6C9109xxxF	C6C9110xxxF
1m	C6C9102001M	C6C9103001M	C6C9104001M	C6C9105001M	C6C9106001M	C6C9107001M	C6C9108001M	C6C9109001M	C6C9110001M
2m	C6C9102002M	C6C9103002M	C6C9104002M	C6C9105002M	C6C9106002M	C6C9107002M	C6C9108002M	C6C9109002M	C6C9110002M
3m	C6C9102003M	C6C9103003M	C6C9104003M	C6C9105003M	C6C9106003M	C6C9107003M	C6C9108003M	C6C9109003M	C6C9110003M
xm (1-20m)	C6C9102xxxM	C6C9103xxxM	C6C9104xxxM	C6C9105xxxM	C6C9106xxxM	C6C9107xxxM	C6C9108xxxM	C6C9109xxxM	C6C9110xxxM
CAT6 Shielded Modular Cords , 4 pair , 24AWG Stranded , LSZH									
1ft	C6C4102001F	C6C4103001F	C6C4104001F	C6C4105001F	C6C4106001F	C6C4107001F	C6C4108001F	C6C4109001F	C6C4110001F
2ft	C6C4102002F	C6C4103002F	C6C4104002F	C6C4105002F	C6C4106002F	C6C4107002F	C6C4108002F	C6C4109002F	C6C4110002F
3ft	C6C4102003F	C6C4103003F	C6C4104003F	C6C4105003F	C6C4106003F	C6C4107003F	C6C4108003F	C6C4109003F	C6C4110003F
xft (1-65f)	C6C4102xxxF	C6C4103xxxF	C6C4104xxxF	C6C4105xxxF	C6C4106xxxF	C6C4107xxxF	C6C4108xxxF	C6C4109xxxF	C6C4110xxxF
1m	C6C4102001M	C6C4103001M	C6C4104001M	C6C4105001M	C6C4106001M	C6C4107001M	C6C4108001M	C6C4109001M	C6C4110001M
2m	C6C4102002M	C6C4103002M	C6C4104002M	C6C4105002M	C6C4106002M	C6C4107002M	C6C4108002M	C6C4109002M	C6C4110002M
3m	C6C4102003M	C6C4103003M	C6C4104003M	C6C4105003M	C6C4106003M	C6C4107003M	C6C4108003M	C6C4109003M	C6C4110003M
xm (1-20m)	C6C4102xxxM	C6C4103xxxM	C6C4104xxxM	C6C4105xxxM	C6C4106xxxM	C6C4107xxxM	C6C4108xxxM	C6C4109xxxM	C6C4110xxxM
CAT6 Shielded Pigtaails , 4 pair , 24AWG Solid , TIA-A ,PVC									
1ft	C6C9202001F	C6C9203001F	C6C9204001F	C6C9205001F	C6C9206001F	C6C9207001F	C6C9208001F	C6C9209001F	C6C9210001F
2ft	C6C9202002F	C6C9203002F	C6C9204002F	C6C9205002F	C6C9206002F	C6C9207002F	C6C9208002F	C6C9209002F	C6C9210002F
3ft	C6C9202003F	C6C9203003F	C6C9204003F	C6C9205003F	C6C9206003F	C6C9207003F	C6C9208003F	C6C9209003F	C6C9210003F
xft (1-65f)	C6C9202xxxF	C6C9203xxxF	C6C9204xxxF	C6C9205xxxF	C6C9206xxxF	C6C9207xxxF	C6C9208xxxF	C6C9209xxxF	C6C9210xxxF
1m	C6C9202001M	C6C9203001M	C6C9204001M	C6C9205001M	C6C9206001M	C6C9207001M	C6C9208001M	C6C9209001M	C6C9210001M
2m	C6C9202002M	C6C9203002M	C6C9204002M	C6C9205002M	C6C9206002M	C6C9207002M	C6C9208002M	C6C9209002M	C6C9210002M
3m	C6C9202003M	C6C9203003M	C6C9204003M	C6C9205003M	C6C9206003M	C6C9207003M	C6C9208003M	C6C9209003M	C6C9210003M
xm (1-20m)	C6C9202xxxM	C6C9203xxxM	C6C9204xxxM	C6C9205xxxM	C6C9206xxxM	C6C9207xxxM	C6C9208xxxM	C6C9209xxxM	C6C9210xxxM
CAT6 Shielded Pigtaails , 4 pair , 24AWG Solid , TIA-B ,PVC									
1ft	C6C9302001F	C6C9303001F	C6C9304001F	C6C9305001F	C6C9306001F	C6C9307001F	C6C9308001F	C6C9309001F	C6C9310001F
2ft	C6C9302002F	C6C9303002F	C6C9304002F	C6C9305002F	C6C9306002F	C6C9307002F	C6C9308002F	C6C9309002F	C6C9310002F
3ft	C6C9302003F	C6C9303003F	C6C9304003F	C6C9305003F	C6C9306003F	C6C9307003F	C6C9308003F	C6C9309003F	C6C9310003F
xft (1-65f)	C6C9302xxxF	C6C9303xxxF	C6C9304xxxF	C6C9305xxxF	C6C9306xxxF	C6C9307xxxF	C6C9308xxxF	C6C9309xxxF	C6C9310xxxF
1m	C6C9302001M	C6C9303001M	C6C9304001M	C6C9305001M	C6C9306001M	C6C9307001M	C6C9308001M	C6C9309001M	C6C9310001M
2m	C6C9302002M	C6C9303002M	C6C9304002M	C6C9305002M	C6C9306002M	C6C9307002M	C6C9308002M	C6C9309002M	C6C9310002M
3m	C6C9302003M	C6C9303003M	C6C9304003M	C6C9305003M	C6C9306003M	C6C9307003M	C6C9308003M	C6C9309003M	C6C9310003M
xm (1-20m)	C6C9302xxxM	C6C9303xxxM	C6C9304xxxM	C6C9305xxxM	C6C9306xxxM	C6C9307xxxM	C6C9308xxxM	C6C9309xxxM	C6C9310xxxM
CAT6 Shielded Pigtaails , 4 pair , 24AWG Solid , TIA-A ,LSZH									
1ft	C6C4202001F	C6C4203001F	C6C4204001F	C6C4205001F	C6C4206001F	C6C4207001F	C6C4208001F	C6C4209001F	C6C4210001F
2ft	C6C4202002F	C6C4203002F	C6C4204002F	C6C4205002F	C6C4206002F	C6C4207002F	C6C4208002F	C6C4209002F	C6C4210002F
3ft	C6C4202003F	C6C4203003F	C6C4204003F	C6C4205003F	C6C4206003F	C6C4207003F	C6C4208003F	C6C4209003F	C6C4210003F
xft (1-65f)	C6C4202xxxF	C6C4203xxxF	C6C4204xxxF	C6C4205xxxF	C6C4206xxxF	C6C4207xxxF	C6C4208xxxF	C6C4209xxxF	C6C4210xxxF
1m	C6C4202001M	C6C4203001M	C6C4204001M	C6C4205001M	C6C4206001M	C6C4207001M	C6C4208001M	C6C4209001M	C6C4210001M
2m	C6C4202002M	C6C4203002M	C6C4204002M	C6C4205002M	C6C4206002M	C6C4207002M	C6C4208002M	C6C4209002M	C6C4210002M
3m	C6C4202003M	C6C4203003M	C6C4204003M	C6C4205003M	C6C4206003M	C6C4207003M	C6C4208003M	C6C4209003M	C6C4210003M
xm (1-20m)	C6C4202xxxM	C6C4203xxxM	C6C4204xxxM	C6C4205xxxM	C6C4206xxxM	C6C4207xxxM	C6C4208xxxM	C6C4209xxxM	C6C4210xxxM
CAT6 Shielded Pigtaails , 4 pair , 24AWG Solid , TIA-B ,LSZH									
1ft	C6C4302001F	C6C4303001F	C6C4304001F	C6C4305001F	C6C4306001F	C6C4307001F	C6C4308001F	C6C4309001F	C6C4310001F
2ft	C6C4302002F	C6C4303002F	C6C4304002F	C6C4305002F	C6C4306002F	C6C4307002F	C6C4308002F	C6C4309002F	C6C4310002F
3ft	C6C4302003F	C6C4303003F	C6C4304003F	C6C4305003F	C6C4306003F	C6C4307003F	C6C4308003F	C6C4309003F	C6C4310003F
xft (1-65f)	C6C4302xxxF	C6C4303xxxF	C6C4304xxxF	C6C4305xxxF	C6C4306xxxF	C6C4307xxxF	C6C4308xxxF	C6C4309xxxF	C6C4310xxxF
1m	C6C4302001M	C6C4303001M	C6C4304001M	C6C4305001M	C6C4306001M	C6C4307001M	C6C4308001M	C6C4309001M	C6C4310001M
2m	C6C4302002M	C6C4303002M	C6C4304002M	C6C4305002M	C6C4306002M	C6C4307002M	C6C4308002M	C6C4309002M	C6C4310002M
3m	C6C4302003M	C6C4303003M	C6C4304003M	C6C4305003M	C6C4306003M	C6C4307003M	C6C4308003M	C6C4309003M	C6C4310003M
xm (1-20m)	C6C4302xxxM	C6C4303xxxM	C6C4304xxxM	C6C4305xxxM	C6C4306xxxM	C6C4307xxxM	C6C4308xxxM	C6C4309xxxM	C6C4310xxxM

* Our most common configurations shown. For more options, please see the SmartPart Number chart on page 14



SECTION THREE

Category 5E Systems

Table of Contents

Page

Category 5E Systems	37-49
DataTwist CAT 5E	38-39
KeyConnect Patch Panels	40-41
CAT5E Modular Jacks	42
CAT5E EZ-MDVO Modular Jacks	43
CAT5E Modular Cords	44
BIX Cross-Connect System	45
110 Cross-Connect System	46
DataTwist 1200 Shielded Cable	47
CAT5E Shielded Patch Panels and Shielded Modular Jacks	48
CAT5E Shielded Modular Cords	49



The Category 5E System is the best performing Category 5E system available, exceeding all requirements for Category 5E performance with guaranteed bandwidth to 100 MHz. The system is comprised of Nonbonded-Pair or Bonded-Pair DataTwist CAT5E 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 Category 5E System features several Belden innovations that ease installation and management, ensure maximum performance and support a variety of environments.

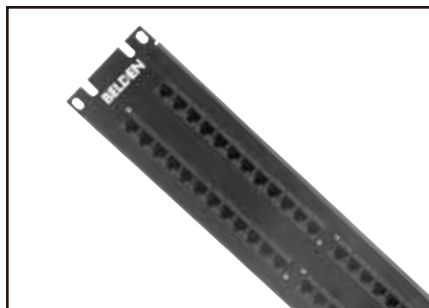
DataTwist CAT5E Banana Peel® Enhanced Category 5E Cable uses a unique patented design that bundles six DataTwist Bonded-Pair Category 5E Cables to a center spline, offering a smaller size for easier termination and installation.

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

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.

KeyConnect Patch Panels, Category 5E

Preloaded and Modular



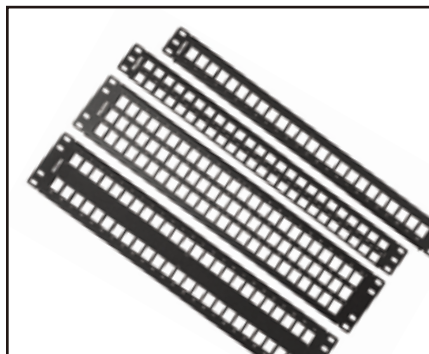
CAT5E HD Patch Panels

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 Category 5E 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.



KeyConnect Patch Panels (Empty)

CAT5E HD Patch Panels

Description	Belden Part Number
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
CAT5E KeyConnect Patch Panels (Preloaded)	
CAT5E KeyConnect Patch Panel, 24-port, 1U, Black (Preloaded)	AX104013
CAT5E KeyConnect Patch Panel, 48-port, 2U, Black (Preloaded)	AX104014
CAT5E KeyConnect Angled Patch Panels (Preloaded)	
CAT5E KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Preloaded)	AX105357
CAT5E KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Preloaded)	AX105358
CAT5E KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Preloaded)	AX105359



KeyConnect AngleFlex Patch Panels

KeyConnect Modular Patch Panels

Description	Belden Part Number
KeyConnect Modular Patch Panels (Empty)	
KeyConnect Patch Panel, 24-port, 1U, Black (Empty)	AX106504-AP <small>back support bar AX105931 is optional</small>
KeyConnect Patch Panel, 48-port, 2U, Black (Empty)	AX106505-AP <small>back support bar AX105931 is optional</small>
KeyConnect Patch Panel, 72-port, 2U, Black (Empty)	AX103116
KeyConnect AngleFlex Modular Patch Panels (Empty)	
KeyConnect AngleFlex Patch Panel, 24-port, 1U, Black (Empty)	AP103248
KeyConnect AngleFlex Patch Panel, 48-port, 2U, Black (Empty)	AP103249
KeyConnect Angled Modular Patch Panels (Empty)	
KeyConnect Angled Patch Panel, 24 - port, 1U, Black (Empty)	AX104599
KeyConnect Angled Patch Panel, 48 - port, 2U, Black (Empty)	AX104601
KeyConnect Angled Patch Panel, 48 - port, 1U, Black (Empty)	AX104600

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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.

CAT5E Patch Boxes

Description	Belden Part Number
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
Patch Panel Accessories	
Label Holder for patch panel port ID, 3.1 inch long (79 mm), 100 units/pack	AX101095
Label Holder for patch panel port ID, 4.4 inch long (112 mm), 100 units/pack	AX101094
Label Holder for patch panel port ID, 5.5 inch long (140 mm), 100 units/pack	AX102782
Label Holder for patch panel port ID, 7.4 inch long (188 mm), 100 units/pack	AX101093
Label Holder for patch panel port ID, 17 inch long (432 mm), 100 units/pack	AX105391
Rear Cable Tie Bar for KeyConnect Patch Panels (between brackets)	AX104303
Short Bracket Kit for KeyConnect Patch Panels (Rear Cable Management)	AX104454
Rear Cable Bracket Kit for HD-series Patch Panels	AX100463
Cable Tie Bar for cable management (rack mounting)	AX101173
Angled management bar with cable clips (rack mounting)	AX102641
Patch Cord/Cable Support Bracket (rack mounting)	AX100789
Cable Clip for Cable Tie Bar (6-cable), bag of 8 clips	AX105640-B8



CAT5E HD Patch Box, Closed



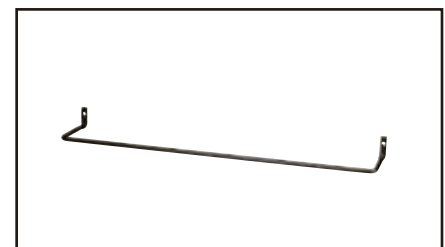
HD Patch Box, Open



MDVO Patch Box



Rear Cable Bracket Kit for HD-series Patch Panels



Rear Cable Bracket Kit for HD-series Patch Panels

CAT5E Modular Jacks

KeyConnect



CAT5E KeyConnect Modular Jack

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 Category 5E 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 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 Modular Jacks



KeyConnect Modular Jacks

Description	Belden Part Number
	KeyConnect-Style
Gray	AX101307
Almond	AX101308
Electrical White	AX101309
Black	AX101310
Orange, TIA 606	AX101311
Red, TIA 606	AX101312
Yellow, TIA 606	AX101313
Green, TIA 606	AX101314
Blue, TIA 606	AX101315
Purple, TIA 606	AX101316
Brown, TIA 606	AX101317
Ivory	AX103079
Orange	AX104182
Red	AX104183
Yellow	AX104184
Green	AX104185
Blue	AX104186
Purple	AX104187
Brown	AX104188

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CAT5E EZ Modular Jacks

KeyConnect

The EZ 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 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 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 Modular Jack

CAT5E Modules—EZ

Description	Belden Part Number
	KeyConnect-Style
Gray	AX100577
Almond	AX100578
White	AX100579
Black	AX100580
Orange, TIA 606	AX100581
Red, TIA 606	AX100582
Yellow, TIA 606	AX100583
Green, TIA 606	AX100584
Blue, TIA 606	AX100585
Purple, TIA 606	AX100586
Brown, TIA 606	AX100587

CAT5E Modular Cords

Nonbonded-Pair



CAT5E Patch Cords

The CAT5E Series of Patch Cords are made with Belden's patented robust design cables. These modular cords offer the best

combination of transmission performance and physical integrity.

Features

- 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

CAT5E Modular Cords

Description	Belden Part Number								
	Red	Orange	Yellow	Green	Blue	Purple	Gray	White	Black
CAT5E Patch Cord, Nonbonded-pair ,4-pair , 24AWG Stranded, unshielded, PVC									
2ft	C5P9102002F	C5P9103002F	C5P9104002F	C5P9105002F	C5P9106002F	C5P9107002F	C5P9108002F	C5P9109002F	C5P9110002F
3ft	C5P9102003F	C5P9103003F	C5P9104003F	C5P9105003F	C5P9106003F	C5P9107003F	C5P9108003F	C5P9109003F	C5P9110003F
4ft	C5P9102004F	C5P9103004F	C5P9104004F	C5P9105004F	C5P9106004F	C5P9107004F	C5P9108004F	C5P9109004F	C5P9110004F
xft (1-65ft)	C5P9102xxxF	C5P9103xxxF	C5P9104xxxF	C5P9105xxxF	C5P9106xxxF	C5P9107xxxF	C5P9108xxxF	C5P9109xxxF	C5P9110xxxF
1m	C5P9102001M	C5P9103001M	C5P9104001M	C5P9105001M	C5P9106001M	C5P9107001M	C5P9108001M	C5P9109001M	C5P9110001M
2m	C5P9102002M	C5P9103002M	C5P9104002M	C5P9105002M	C5P9106002M	C5P9107002M	C5P9108002M	C5P9109002M	C5P9110002M
3m	C5P9102003M	C5P9103003M	C5P9104003M	C5P9105003M	C5P9106003M	C5P9107003M	C5P9108003M	C5P9109003M	C5P9110003M
xm (1-20m)	C5P9102xxxM	C5P9103xxxM	C5P9104xxxM	C5P9105xxxM	C5P9106xxxM	C5P9107xxxM	C5P9108xxxM	C5P9109xxxM	C5P9110xxxM
CAT5E Patch Cord, Nonbonded-pair ,4-pair , 24AWG Stranded, unshielded, LSZH									
2ft	C5P4102002F	C5P4103002F	C5P4104002F	C5P4105002F	C5P4106002F	C5P4107002F	C5P4108002F	C5P4109002F	C5P4110002F
3ft	C5P4102003F	C5P4103003F	C5P4104003F	C5P4105003F	C5P4106003F	C5P4107003F	C5P4108003F	C5P4109003F	C5P4110003F
4ft	C5P4102004F	C5P4103004F	C5P4104004F	C5P4105004F	C5P4106004F	C5P4107004F	C5P4108004F	C5P4109004F	C5P4110004F
xft (1-65ft)	C5P4102xxxF	C5P4103xxxF	C5P4104xxxF	C5P4105xxxF	C5P4106xxxF	C5P4107xxxF	C5P4108xxxF	C5P4109xxxF	C5P4110xxxF
1m	C5P4102001M	C5P4103001M	C5P4104001M	C5P4105001M	C5P4106001M	C5P4107001M	C5P4108001M	C5P4109001M	C5P4110001M
2m	C5P4102002M	C5P4103002M	C5P4104002M	C5P4105002M	C5P4106002M	C5P4107002M	C5P4108002M	C5P4109002M	C5P4110002M
3m	C5P4102003M	C5P4103003M	C5P4104003M	C5P4105003M	C5P4106003M	C5P4107003M	C5P4108003M	C5P4109003M	C5P4110003M
xm (1-20m)	C5P4102xxxM	C5P4103xxxM	C5P4104xxxM	C5P4105xxxM	C5P4106xxxM	C5P4107xxxM	C5P4108xxxM	C5P4109xxxM	C5P4110xxxM
CAT5E Pigtail, Nonbonded-pair ,4-pair , 24AWG Solid, unshielded, PVC ,T568B-Open									
2ft	C5P4302002F	C5P4303002F	C5P4304002F	C5P4305002F	C5P4306002F	C5P4307002F	C5P4308002F	C5P4309002F	C5P4110002F
3ft	C5P4302003F	C5P4303003F	C5P4304003F	C5P4305003F	C5P4306003F	C5P4307003F	C5P4308003F	C5P4309003F	C5P4110003F
4ft	C5P4302004F	C5P4303004F	C5P4304004F	C5P4305004F	C5P4306004F	C5P4307004F	C5P4308004F	C5P4309004F	C5P4110004F
xft (1-65ft)	C5P4302xxxF	C5P4303xxxF	C5P4304xxxF	C5P4305xxxF	C5P4306xxxF	C5P4307xxxF	C5P4308xxxF	C5P4309xxxF	C5P4110xxxF
1m	C5P4302001M	C5P4303001M	C5P4304001M	C5P4305001M	C5P4306001M	C5P4307001M	C5P4308001M	C5P4309001M	C5P4110001M
2m	C5P4302002M	C5P4303002M	C5P4304002M	C5P4305002M	C5P4306002M	C5P4307002M	C5P4308002M	C5P4309002M	C5P4110002M
3m	C5P4302003M	C5P4303003M	C5P4304003M	C5P4305003M	C5P4306003M	C5P4307003M	C5P4308003M	C5P4309003M	C5P4110003M
xm (1-20m)	C5P4302xxxM	C5P4303xxxM	C5P4304xxxM	C5P4305xxxM	C5P4306xxxM	C5P4307xxxM	C5P4308xxxM	C5P4309xxxM	C5P4110xxxM

x = available 5-65ft in increments of 1ft , 4-20m in increments of 1m .
Pigtails are also available in T568A-Open , LSZH and Shielded

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

Faster.
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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.

BIX Cross-Connect System

Description	Belden Part Number	
BIX Connectors		
BIX Distribution Connector, 5-pair Marking	A0266828	
BIX Distribution Connector, 4-pair Marking	A0393146	
BIX Multiplying Connector, QCBIX2A, 25-pair, 12x2-pair	A0269923	
BIX Multiplying Connector, QCBIX5A, 25-pair, 5x5-pair	A0266827	
BIX Multiplying Connector, QCBIX7A, 25-pair, 2x2-pair & 3x7-pair	A0269925	
BIX Modular Jack Connector, NXXCBM6U, 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).

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

BIX Cross-Connect Wire	
1-pair, Wh/Bl, 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

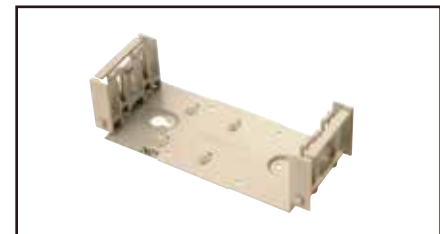
BIX Tools and Accessories	
BIX Connecting Tool	A0270165
BIX Tool Pouch	C0054642
BIX Test Probe, 1-pair	A0270166
BIX Special Service Guard, 1-pair, Red	A0270172
BIX Bridging Clip, 1-pair, Gray	A0325091
BIX Rack Bracket Kit 19 in	A0352331



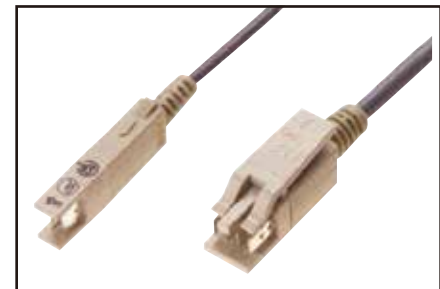
Distribution Connector



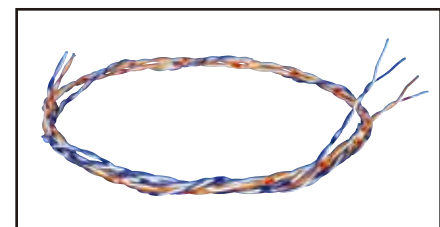
BIX Mount, 300-pair



BIX Mount, 50-pair



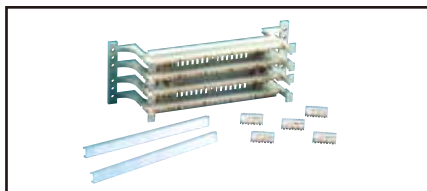
BIX Patch Cord, 1-Pair and 2-Pair



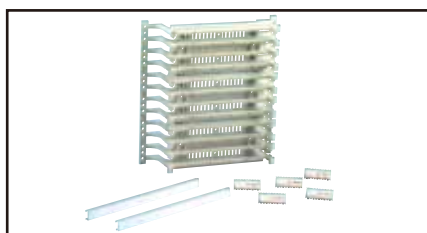
B-Plus Cross-Connect Wire

110 Cross-Connect System

Kits, Components, Patch Cords, Wires and Accessories



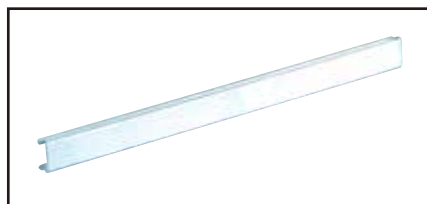
110 Cross-Connect Kit, 100-pair



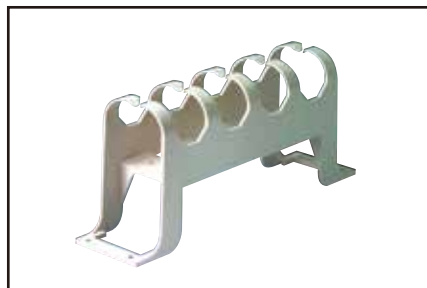
110 Cross-Connect Kit, 300-pair



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.

110 Cross-Connect System

Description	Belden Part Number		
110 Cross-Connect Kit			
110 Cross-Connect Kit, 100-pair, with 4-pair Connecting Blocks	AX100693-S		
110 Cross-Connect Kit, 100-pair, with 5-pair Connecting Blocks	AX100694-S		
110 Cross-Connect Kit, 300-pair, with 4-pair Connecting Blocks	AX100695-S		
110 Cross-Connect Kit, 300-pair, with 5-pair Connecting Blocks	AX100696-S		
110 Cross-Connect Connecting Components			
110 Connecting Block, 110C4, 4-pair	AX100707-S		
110 Connecting Block, 110C5, 5-pair	AX100708-S		
110 Wiring Block, 100-pair, without legs	AX100690-S		
110 Wiring Block, 100-pair, with legs	AX100691-S		
110 Wiring Block, 300-pair, with legs	AX100692-S		
110 Patch Cord Connector, 4-pair	AX100711-S		
110 Patch Cord Connector, 2-pair	AX100710-S		
110 Patch Cord Connector, 1-pair	AX100709-S		
110 Designation Strip	AX100721-S		
110 Cross-Connect Cable Management Accessories			
110 Cable Management Trough, without legs	AX100705-S		
110 Cable Management Trough, with legs	AX100706-S		
110 Cable Management Ring, Small 5.7 in (144.8 mm)	AX100703-X		
110 Cable Management Ring, Large 8.5 in (216 mm)	AX100704-X		
	110-110	110-8MOD (T568A-ISDN)	110-8MOD (T568B-ALT)
110 Cross-Connect Patch Cords, Category 5e, 4-pair			
4 ft (1.2 m)	AX300001-S	AX300010-S	AX300008-S
6 ft (1.8 m)	AX300002-S	AX300009-S	AX300005-S
8 ft (2.4 m)	AX300025-S	AX300029-S	AX300011-S
10 ft (3.0 m)	AX300026-S	AX300030-S	AX300034-S
20 ft (6.1 m)	AX300027-S	AX300032-S	AX300017-S
10 Patch Cords, 110-110, Category 5e		1-Pair	2-Pair
2 ft (0.6 m)		AX300039-S	AX300036-S
4 ft (1.2 m)		AX300006-S	AX300013-S
6 ft (1.8 m)		AX300007-S	AX300014-S
8 ft (2.4 m)		AX300012-S	AX300015-S
10 ft (3.0 m)		AX300021-S	AX300037-S
20 ft (6.1 m)		AX300040-S	AX300038-S

Faster.
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Shielded Cable, Category 5E

Preloaded and Modular

Shielded Cable consists of 4-pair F/UTP cables as per TIA/EIA-568-B.2. When used as the horizontal cable in the Belden Shielded system, the channel provides at least 100 MHz of bandwidth. F/UTP shielded cable has a thick, 100% coverage foil shield.

Applications : Premise Horizontal Cable, Gigabit Ethernet, 100Base TX, 100Base VG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU, Digital Video, RS-422



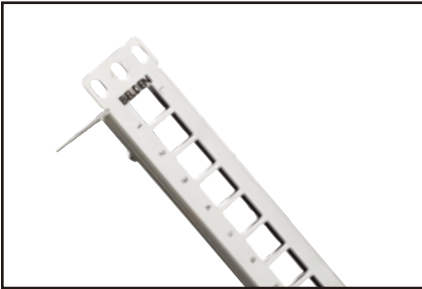
Belden Category 5E Cable

Category 5E, Shielded Cables

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
Nonbonded-Pair, 4-pair, 24AWG Solid, CMR, Foil Shield, Category 5e					
1533RA 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
1533RA 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
Nonbonded-Pair, 4-pair, 24AWG Solid, LSZH, Foil Shield, Category 5e					
1533RAS 006305M	Blue	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
1533RAS 008305M	Gray	305 m (1000 ft)	Spool	18 spools/pallet	5490 m (18000 ft)
Nonbonded-Pair, 4-pair, 24AWG Solid, CM, Foil Shield, Category 5e					
YJ55164 006305M	Blue	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
YJ55164 008305M	Gray	305 m (1000 ft)	Spool-in-Box	32 boxes/pallet	9760 m (32000 ft)
Nonbonded-Pair, 4-pair, 24AWG Solid, CMR, Unshield, Category 5e					
1583A 0021000	Red	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0031000	Orange	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0041000	Yellow	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0051000	Green	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0061000	Blue	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0081000	Gray	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0091000	White	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0101000	Black	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
1583A 0121000	Pink	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
Nonbonded-Pair, 4-pair, 24AWG Solid, CM, Unshield, Category 5e					
AP1690 006U1000	Blue	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)
AP1690 008U1000	Gray	305m (1000ft)	UnReel Box	54 boxes/pallet	16470 m (54000 ft)

CAT5E Shielded Patch Panels and Shielded Modular Jacks

KeyConnect and Modular



Shielded Modular Patch Panel (Empty)

KeyConnect Shielded Patch Panels are robust all-metal modular patch panels that provide a flexible, versatile and high-density termination solution for Data Center and Telecommunications Room installations. 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.

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.

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



CAT5E Shielded KeyConnect Modular Jack

KeyConnect Shielded Modular Patch Panels

Description	Belden Part Number
KeyConnect Shielded Patch Panel, 24 port, 1U, Empty	AX106504-AP back support bar AX105931 is option
KeyConnect Shielded Patch Panel, 48 port, 2U, Empty	AX106505-AP back support bar AX105931 is option
KeyConnect Shielded Angled Patch Panel, 24 port, 1U, Titanium (Empty)	AX104622
KeyConnect Shielded Angled Patch Panel, 48 port, 2U, Titanium (Empty)	AX104623
KeyConnect Shielded Angled Patch Panel, 24 port, 1U, Black (Empty)	AX106812

CAT5E Shielded Modular Jack

Description	Belden Part Number
CAT5E Shielded KeyConnect Modular Jack, Metallic	AX104595

Faster.
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CAT5E Shielded Modular Cords Patch Cords and Pigtails

The CAT5E Shielded Modular Cords are 4-pair 26 AWG F/UTP modular cords designed to be used within the Belden Shielded System. These modular cords offer the best combination of transmission performance and shielding integrity.

- 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



CAT5E Shielded Modular Cord

Features

- Made with small diameter for greater flexibility and higher density installations

Benefits

- Exceeds TIA transmission and mechanical performance requirements

CAT5E Shielded Modular Cords

Description	Belden Part Number								
	Red	Orange	Yellow	Green	Blue	Purple	Gray	White	Black
CAT5E Shielded Modular Cords , 4 pair , 26AWG Stranded , PVC									
2ft	C5C9102002F	C5C9103002F	C5C9104002F	C5C9105002F	C5C9106002F	C5C9107002F	C5C9108002F	C5C9109002F	C5C9110002F
3ft	C5C9102003F	C5C9103003F	C5C9104003F	C5C9105003F	C5C9106003F	C5C9107003F	C5C9108003F	C5C9109003F	C5C9110003F
xft (1-65f)	C5C9102xxxF	C5C9103xxxF	C5C9104xxxF	C5C9105xxxF	C5C9106xxxF	C5C9107xxxF	C5C9108xxxF	C5C9109xxxF	C5C9110xxxF
1m	C5C9102001M	C5C9103001M	C5C9104001M	C5C9105001M	C5C9106001M	C5C9107001M	C5C9108001M	C5C9109001M	C5C9110001M
2m	C5C9102002M	C5C9103002M	C5C9104002M	C5C9105002M	C5C9106002M	C5C9107002M	C5C9108002M	C5C9109002M	C5C9110002M
3m	C5C9102003M	C5C9103003M	C5C9104003M	C5C9105003M	C5C9106003M	C5C9107003M	C5C9108003M	C5C9109003M	C5C9110003M
xm (1-20m)	C5C9102xxxM	C5C9103xxxM	C5C9104xxxM	C5C9105xxxM	C5C9106xxxM	C5C9107xxxM	C5C9108xxxM	C5C9109xxxM	C5C9110xxxM
CAT5E Shielded Modular Cords , 4 pair , 26AWG Stranded , LSZH									
2ft	C5C4102002F	C5C4103002F	C5C4104002F	C5C4105002F	C5C4106002F	C5C4107002F	C5C4108002F	C5C4109002F	C5C4110002F
3ft	C5C4102003F	C5C4103003F	C5C4104003F	C5C4105003F	C5C4106003F	C5C4107003F	C5C4108003F	C5C4109003F	C5C4110003F
xft (1-65f)	C5C4102xxxF	C5C4103xxxF	C5C4104xxxF	C5C4105xxxF	C5C4106xxxF	C5C4107xxxF	C5C4108xxxF	C5C4109xxxF	C5C4110xxxF
1m	C5C4102001M	C5C4103001M	C5C4104001M	C5C4105001M	C5C4106001M	C5C4107001M	C5C4108001M	C5C4109001M	C5C4110001M
2m	C5C4102002M	C5C4103002M	C5C4104002M	C5C4105002M	C5C4106002M	C5C4107002M	C5C4108002M	C5C4109002M	C5C4110002M
3m	C5C4102003M	C5C4103003M	C5C4104003M	C5C4105003M	C5C4106003M	C5C4107003M	C5C4108003M	C5C4109003M	C5C4110003M
xm (1-20m)	C5C4102xxxM	C5C4103xxxM	C5C4104xxxM	C5C4105xxxM	C5C4106xxxM	C5C4107xxxM	C5C4108xxxM	C5C4109xxxM	C5C4110xxxM
CAT5E Shielded Pigtail, Nonbonded-pair , 4-pair , 26AWG Stranded, PVC , T568B-Open									
2ft	C5C4302002F	C5C4303002F	C5C4304002F	C5C4305002F	C5C4306002F	C5C4307002F	C5C4308002F	C5C4309002F	C5C4110002F
3ft	C5C4302003F	C5C4303003F	C5C4304003F	C5C4305003F	C5C4306003F	C5C4307003F	C5C4308003F	C5C4309003F	C5C4110003F
xft (1-65ft)	C5C4302xxxF	C5C4303xxxF	C5C4304xxxF	C5C4305xxxF	C5C4306xxxF	C5C4307xxxF	C5C4308xxxF	C5C4309xxxF	C5C4110xxxF
1m	C5C4302001M	C5C4303001M	C5C4304001M	C5C4305001M	C5C4306001M	C5C4307001M	C5C4308001M	C5C4309001M	C5C4110001M
2m	C5C4302002M	C5C4303002M	C5C4304002M	C5C4305002M	C5C4306002M	C5C4307002M	C5C4308002M	C5C4309002M	C5C4110002M
3m	C5C4302003M	C5C4303003M	C5C4304003M	C5C4305003M	C5C4306003M	C5C4307003M	C5C4308003M	C5C4309003M	C5C4110003M
xm (1-20m)	C5C4302xxxM	C5C4303xxxM	C5C4304xxxM	C5C4305xxxM	C5C4306xxxM	C5C4307xxxM	C5C4308xxxM	C5C4309xxxM	C5C4110xxxM

x = available 4-65ft in increments of 1ft, 4-20m in increments of 1m.
Pigtails are also available in T568A-Open , LSZH and Shielded

To create a part number for any modular Cords , please refer to page 14 for the Modular Cord

SECTION FOUR

Workstation Outlets

Table of Contents

Page

Workstation Outlets	48-64
KeyConnect Faceplates	49
KeyConnect Adapter and Boxes	50
KeyConnect Multimedia Modules	51
KeyConnect Tamper-Resistant Faceplates,	
MediaFlex Faceplate Kits	52
MediaFlex Plates, Adapter Boxes and Accessories	53
MediaFlex Inserts	54-55
Keystone Square Faceplate	56
Interface Surface Adapter Boxes, Adapters	57
Multimedia Outlet Boxes and Modules	58
Multi-User Outlet Box, PS5E BIX DVO Outlet	59
Accessories	60
Rapid Termination Tool	61
Tools	62
LabelFlex	63-64



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 and MediaFlex flexibility 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.

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

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.

Faster.
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Better.



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

Faceplates

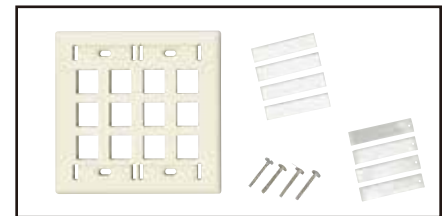
Description	Belden Part Number	
	Almond	Elec. White
KeyConnect Faceplates		
1-port, with ID Windows, Single-gang	AX103922	AX102660
2-port, with ID Windows, Single-gang	AX103923	AX102655
4-port, with ID Windows, Single-gang	AX102248	AX102249
6-port, with ID Windows, Single-gang	AX102250	AX102251
6-port, 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.

Description	Belden Part Number
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, Recessed Port	AX104126
Elec. White Plastic, Recessed Port	AX102902



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



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

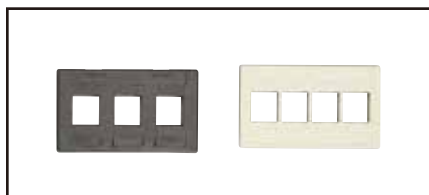


AX102657, KeyConnect Single-gang Back Box, Electrical White and AX104130, KeyConnect Double-gang Back Box, Almond

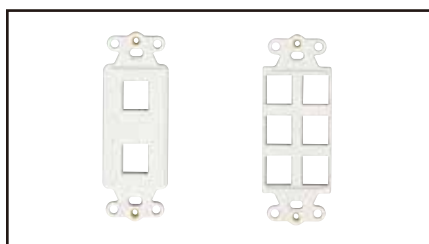


AX102902, KeyConnect Wall Mount Phone Plate, Electrical White, Recessed Port

Workstation Outlets (continued) KeyConnect Adapters and Boxes



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

KeyConnect Adapters and Boxes in various styles, sizes and colors provide flexible surface mount, modular furniture and standard electrical plate outlet installation, including high-density workstation outlets.

Features & Benefits:

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

- KeyConnect Adapters available in almond, electrical white and black to match electrical plates and suit any office decor
- KeyConnect Boxes available in 1, 2, 4 and 6-port configurations for design flexibility
- KeyConnect Boxes equipped with port shutters to provide dust protection to UTP jacks
- Fire-retardant plastic with UV stabilizer for protection against color degradation
- KeyConnect Adapters are compatible with all KeyConnect UTP and Multimedia Modules

KeyConnect Adapters and Boxes

Description	Belden Part Number		
	Almond	Elec. White	Black
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 Side-Entry Boxes, without Shutter Door			
1-port	AX105352 - AL	AX105352 - EW	—
2-port	AX105353 - AL	AX105353 - EW	—
4-port	AX105354 - AL	AX105354 - EW	—
6-port	AX105355 - AL	AX105355 - EW	—

Contact Customer Service for other colors and configurations.

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Workstation Outlets (continued)

KeyConnect Multimedia Modules

KeyConnect Multimedia Modules

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



AX102417, LC Duplex module



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



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



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

Workstation Outlets (continued) KeyConnect Tamper-Resistant Faceplates



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



AX104688, KeyConnect Tamper-Resistant Faceplate with locking cover

Belden offers two Tamper-Resistant Faceplates for various applications.

Water Resistant Outlet

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

Secure Outlet

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

KeyConnect Tamper Resistant Faceplates

Description	Belden Part Number
	White
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 Kit for KeyConnect Modules: AX102428, Single-gang, 4-port, Almond; AX102430, Single-gang, 6-port, Almond

MediaFlex Faceplate Kits

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

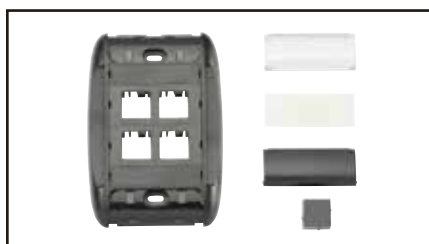
The MediaFlex Faceplate Kit for KeyConnect Modules offers flexibility in configuring multimedia workstation outlets for current and future network needs. The front access design of the outlets offers easy installation and upgrades while multiple colors, Single-gang

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.



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



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

MediaFlex Faceplate Kits

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
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
6-port, Flush, Double-gang	-	AX102523	AX102524	-
8-port, Flush, Double-gang	-	AX102519	AX102520	-
12-port, Flush, Double-gang	AX104488	AX102434	AX102435	AX104492
6-port, Angled, Double-gang	-	AX102521	AX102522	-
8-port, Angled, Double-gang	-	AX102436	AX102437	-
MediaFlex Faceplate Kit, MDVO-Style				
2-port, Flush	AX101778	AX101779	AX101780	AX101781
4-port, Flush	AX101782	AX101783	AX101784	AX101785
6-port, Flush	AX101786	AX101787	AX101788	AX101789



AX101786, MediaFlex Faceplate Kit, MDVO-Style, 6 port

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Workstation Outlets (continued)

MediaFlex Plates, Adapter Boxes and Accessories

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

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

The Double-gang faceplate comes with a stand-off ring included in the package. This ring allows for easy mounting with virtually any industry electrical box or mud/adaptor rings, therefore providing added installation flexibility.

Each plate has the capacity of up to 6 ports per Single-gang and 12 ports per Double-gang.

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

MediaFlex Workstation Outlets

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
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.

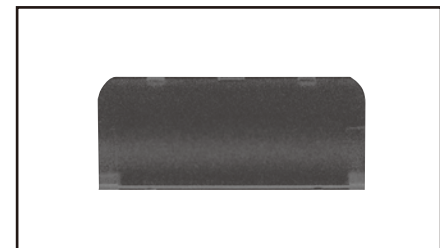
Description	Belden Part Number
MediaFlex ID Windows Covers	
Window Cover, Clear, bag of 25 units	AX101773
Window Cover, Gray, bag of 25 units	AX101774
Window Cover, Almond, bag of 25 units	AX101775
Window Cover, Elec. White, bag of 25 units	AX101776
Window Cover, Black, bag of 25 units	AX101777



AX101748, MediaFlex Plate, Single-gang



AX101869, MediaFlex Plate, Double-gang

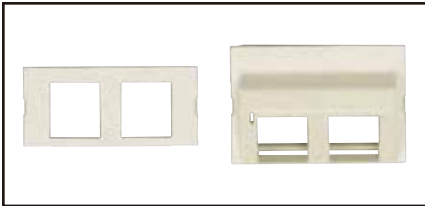


AX101777, Labeling Window Cover for MediaFlex Plates



AX101874, MediaFlex Adapter Box, Double-gang

Workstation Outlets (continued) MediaFlex Inserts



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

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.



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

MediaFlex Inserts

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



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



AX101760, MediaFlex Filler Insert, 1-unit



AX101764, MediaFlex Filler Insert, 2-unit

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Workstation Outlets (continued)

MediaFlex Inserts

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

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

MediaFlex Inserts

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

Contact Customer Service for other colors and configurations.



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



AX101940, MediaFlex SC Duplex Multi-mode Insert, Almond



AX101937, MediaFlex SC Duplex Single-mode Insert, White

Keystone Square Faceplate



AX104442, 86x86 Key Connect Double Port Faceplate



AX104444, 86x86 Key Connect Four Port Faceplate



AX104448, 86x86 Key Connect Tilted Double Port Faceplate



AX104442C, 86x86 KeyConnect Double Port Faceplate - Two piece



AX104447F, 86x86 KeyConnect Tilted Double Port Fiber Faceplate - Two piece

Belden's new faceplate (86x86) range to complete IBDN® workstations quickly and efficiently, with the added benefit of installation flexibility, and uniform aesthetics.

Plenty of Choice for Maximum Flexibility

The Belden faceplate range offers a choice of five faceplates, and two styles. The Faceplates are capable of accepting Cat 5e, Cat 6 and Cat 6a type of modular jack, in Keystone style. These new faceplates can be either wallmounted on an appropriate wall back box or underfloormounted in floor faceplates and are available in Electric White color.

Durability and Reliability

All Belden faceplates are designed to provide maximum durability, protection and reliable performance. They feature a sturdy design for impact resistance, made from the best quality ABS. They include a shutter to protect modules from dust and debris and provide optimum performance, density and durability, while inserts and adapters are easily released for further configurations. Label windows are situated at the top part of the faceplates, so that the cords do not block the labels. This facilitates easy identification, avoiding labels at the bottom where they could not easily be seen after installation.

Part #	Description	Color	Material	Dimensions (H x W x D) (mm)	Mounting screws (mm)	RoHS Compliant	Suitability - Indoor	UL Flame Test For Material
One piece faceplate								
AX104441	KeyConnect Single Port Faceplate	Electric White	Flame Retardant Plastic UL-94V0, ABS (Acrylonitrile Butadiene Styrene)	86 x 86 x 10	2 pcs, M3.5 x 25	Yes	Yes	UL-94 V0
AX104442	KeyConnect Double Port Faceplate							
AX104444	KeyConnect Quad Port Faceplate							
AX104447	KeyConnector Tilted Single Port Faceplate			86 x 86 x 25.6				
AX104448	KeyConnector Tilted Double Port Faceplate							
Premium Two piece faceplate								
AX104441C	KeyConnect Single Port Faceplate	Almond	Flame Retardant Plastic UL-94V0, ABS (Acrylonitrile Butadiene Styrene)	86 x 86 x 14.4	2 pcs, M3.5 x 25	Yes	Yes	UL-94 V0
AX104442C	KeyConnect Double Port Faceplate							
AX104447C	KeyConnect Tilted Single Port Faceplate			86 x 86 x 37.7				
AX104448C	KeyConnect Tilted Double Port Faceplate							
AX104447F	KeyConnect Tilted Single Port Faceplate - Fiber							
AX104448F	KeyConnect Tilted Double Port Faceplate - Fiber							

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Workstation Outlets (continued)

Interface Surface Adapter Boxes, MDVO Adapters

The Interface/MDVO Surface Adapter Box allows surface mounting of Interface Plates as well as MDVO Flush and Angled entry faceplates. The box can be mounted on any flat surface or 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.

Interface/MDVO Surface Adapter Box

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

Interface/MDVO Side Entry Box

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

MDVO Adapters

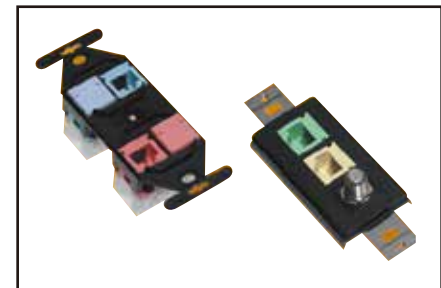
Description	Belden Part Number
106 Adapter, Deco Adapter, Furniture Adapter	
MDVO 106 Adapter, 2-port, Gray	AX100304
MDVO 106 Adapter, 2-port, Almond	AX100305
MDVO 106 Adapter, 2-port, White	AX100306
MDVO 106 Adapter, 2-port, Black	AX100307
MDVO 106 Adapter, 4-port, Gray	AX100308
MDVO 106 Adapter, 4-port,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



AX101474, Interface/MDVO Surface Adapter Box



A0645271, MDVO Side Entry Box, shown here with modules



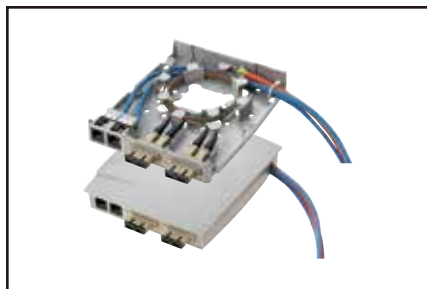
AX100311, MDVO 106 Adapter, 4-port, shown here with modules

A0409654, MDVO Deco Adapter, shown here with modules



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

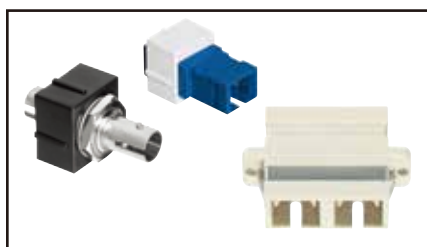
Workstation Outlets (continued) Multimedia Outlet Boxes and Modules



A0643206, MDVO Multimedia Outlet Box, shown here as terminated

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

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



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

Multimedia Outlet Boxes and Modules

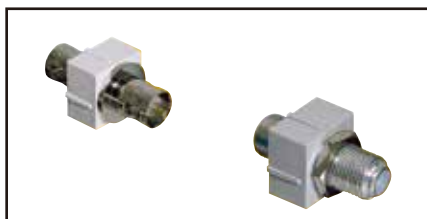
Description	Belden Part Number
Multimedia Outlet Boxes	
MDVO Multimedia Outlet Box, 6-port, Gray	A0643205
MDVO Multimedia Outlet Box, 6-port, Almond	A0643206
MDVO Multimedia Outlet Box, 6-port, White	A0643207
MDVO Multimedia Outlet Box, 6-port, Black	A0643208

MDVO-Style Modules

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

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

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



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

Description	Belden Part Number			
	Gray	Almond	Elec. White	Black
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
3.5 mm Stereo	AX102624	AX102625	AX102626	AX102627

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Workstation Outlets (continued)

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

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

The CAT5E BIX DVO Workstation Outlets are robust and installer-friendly products, combining punch-down connectors with standard modular

jacks. The outlet's unique, completely enclosed housing protects the connectors and allows the wires to be front-terminated on BIX Insulation Displacement Connectors (IDC). The snap-on cover plate allows easy access and eliminates visible mounting screws.

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

Multi-User Outlet Box

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

Adapter Strips

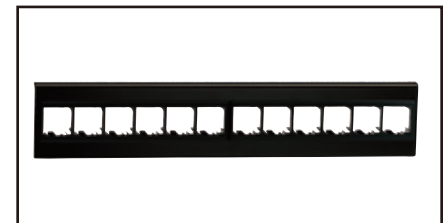
Description	Belden Part Number
Adapter Strips for Mutli-User Outlet Box	
KeyConnect Adapter Strip, 12-port, Empty, Black	AX104615
CAT5E HD-BIX Connector Module Strip, Universal Wiring 12-port, T568A/B	AX100224
CAT5E HD-110 Connector Module Strip, Universal Wiring 12-port, T568B/A	AX100494

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



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



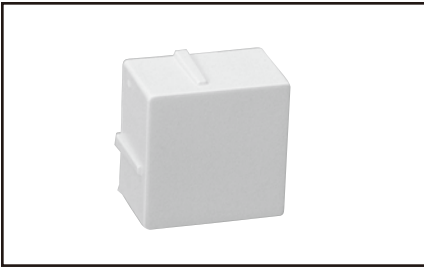
AX100223, MDVO Adapter Strip, 12-port



CAT5E BIX DVO Outlets

Workstation Outlets (continued)

Accessories



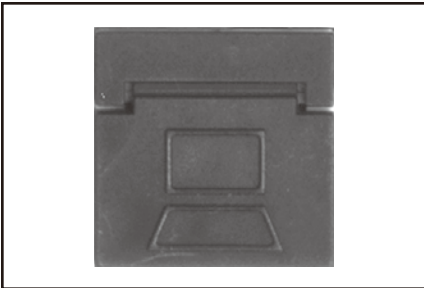
A0405538, MDVO Blank

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

The Colored Bezels are plastic inserts that fit over the face of MDVO-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.

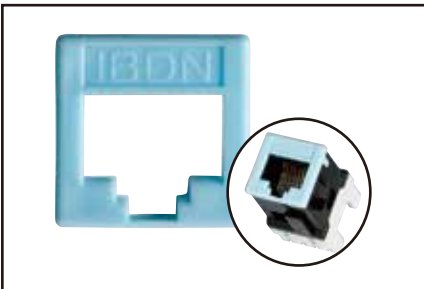
KeyConnect-Style Accessories include blank inserts available in almond, white and black as well as Dust Covers in clear plastic to protect unused ports.



AX100196, ID Tab

Accessories

Description	Belden Part Number			
	Gray	Almond	White	Black
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



AX102022, Colored Bezel

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

KeyConnect-Style Accessories

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



AX101790, Dust Cover, AX102263, KeyConnect Blank Insert

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

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Workstation Outlets (continued)
Rapid Termination Tool



Unique Features

Belden's new Rapid Termination Tool reduces termination time by up to 50%, including cable preparation. All conductors are terminated and cut at once; virtually eliminating the need for troubleshooting and re-work, saving hours of re-termination and re-testing. It provides a safer working method with no need for an impact tool with a sharp blade, or a Termination Station to hold jacks.

Key Specifications

- Terminates KeyConnect CAT6+ and CAT5E Jacks
- Diecast aluminium frame is lightweight and provides durability
- Patent Pending lever action reduces fatigue during termination process
- Polymer handle covers improve comfort
- Bottom cable entry allows ergonomic working position with minimum cable slack
- Handle Locking mechanism facilitates carrying and storage
- Easy to replace Headset (blade block and press head)
- Blade block uses stainless steel push blades and high grade tool steel knives for extra durability
- The Rapid Termination Tool is guaranteed for 5,000 terminations

Rapid Termination Tool

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

Workstation Outlets (continued)

Tools



AX100749, IBDN 110 Connecting Tool

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

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.



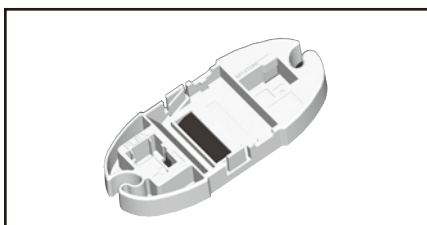
1797B, Cable Preparation Tool

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 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 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

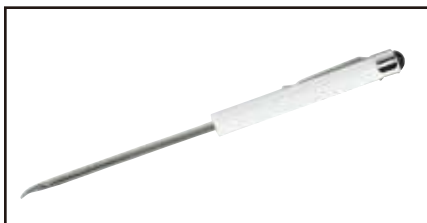
The Patch Cord Tool allows to connect and disconnect RJ45 patch cords installed in very high-density environments (48-port, 1U patch panels and high-density networking equipment).



AX101852, Termination Station

Tools

Description	Belden Part Number
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



AX101185, Outlet Release Tool

Plug

Plug



AX102775, Patch Cord Tool

Description	Belden Part Number
Cat.5e STP Modular Plug, Suitable for stranded wire, UL-94 V2	AP700003
Cat.5e UTP Plug, for Stranded & Solid Cable, UL-94 V2	AP700007
Cat.6 UTP Plug, for Stranded & Solid Cable, UL-94 V2	AP700008
Cat.6 STP Plug, for solid & stranded Cable, UL-94 V2	AP700004
RJ45 boot (6.4mm), PVC, RoHS compliant, UL-94 V2	AP700021
RJ45 boot (6.5mm), PVC, RoHS compliant, UL-94 V2	AP700022
RJ45 boot (6.4mm), PVC, RoHS compliant, UL-94 V2	AP700023
RJ45 boot (6.5mm), PVC, RoHS compliant, UL-94 V2	AP700024

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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

Labels

Description	Belden Part Number
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



LabelFlex Labels

Labels (continued)

LabelFlex

Labels

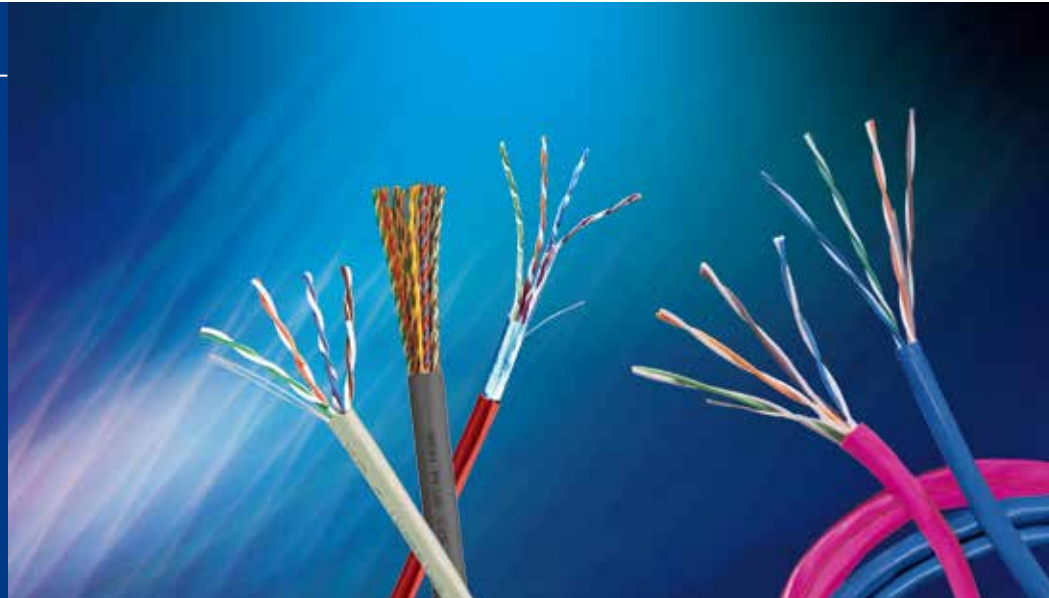
Description	Belden Part Number
Labels for Workstation Faceplates ID	
White, 80 labels/sheet, 5 sheets/pack	AX101552
Labels for 110 Cross-Connect	
Gray, 18 labels/sheet, 5 sheets/pack	AX101557
White, 18 labels/sheet, 5 sheets/pack	AX101558
Orange, 18 labels/sheet, 5 sheets/pack	AX101559
Red, 18 labels/sheet, 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 KeyConnect 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
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

Table of Contents	Page
Miscellaneous Cables	65-71
5E Cable	66
Limited Combustible Cable	67
Outside Plant Cable	68
Plus Backbone Indoor Cable	69
Patch Cable	70-71



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, 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.

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.

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.

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 25-pair Category 5E backbone cables for high-speed applications or in Category 3 UTP multi-pair cables, including up to 300-pair count cables for large voice communication systems.

5E Cable, Category 5E, Outdoor Nonbonded-Pair

5E Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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)

Color Codes: 5E and 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

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Limited Combustible Cable, Category 6 and Category 5e

Nonbonded-Pair and Bonded-Pair

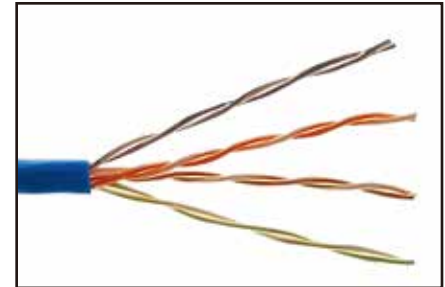
DataTwist® Limited Combustible Category 6 Cable is a revolutionary UTP cable engineered specifically to meet the NFPA requirements for a Limited Combustible cable and perform beyond requirements per ANSI/TIA/EIA-568-

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 Limited Combustible Cable, Category 6 and 5e

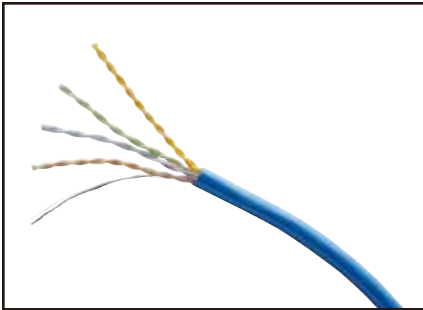
Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
DataTwist 6, Bonded-Pair, 4-Pair, 23 AWG, CMP FHC 25/50 (aka CMP-50), Category 6					
7813LC 006U1000	Blue	305 m (1000 ft)	UnReel Box	24 boxes/pallet	7320 m (24000 ft)
7813LC 009U1000	White	305 m (1000 ft)	UnReel 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 Limited Combustible Cable

DataTwist 6 Outside Plant Cable (OSP), Category 6 Nonbonded-Pair



DataTwist Outside Plant, Gel-filled

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

through resistance. DataTwist OSP products exceed Category 6 requirements as per ANSI/TIA/EIA-568-C.2.

Outside Plant Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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)

Plus Backbone Indoor Cable, Category 5E Nonbonded-Pair



IBDN25R, Plus 25-pair Cat5e Cable

Available in plenum and non-plenum versions, 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.

Backbone Indoor Cable, Category 5E

Belden Part Number	Color	Length	Packaging	Flame Rating
IBDN25R	Blue, Gray	0.5Kft	Reel	CMR
		1Kft		
		5Kft		
		Customized length		

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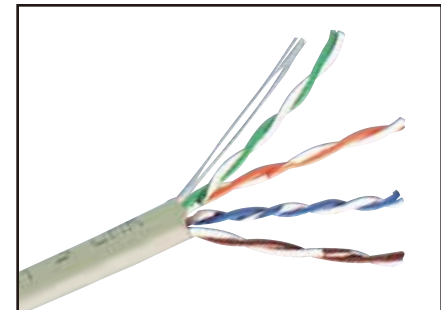
DataTwist 3 UTP and D-Inside Wire and Backbone Indoor Cable, Category 3 Nonbonded-Pair

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.

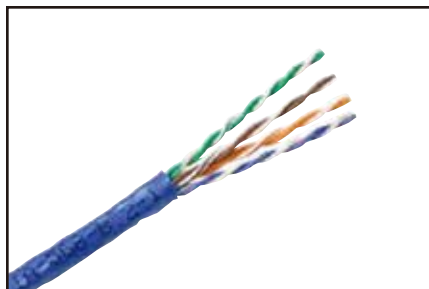
Backbone Indoor Cable

Belden Part Number	# Pairs	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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



D-Inside Series Riser Cable

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.

Patch Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
MediaTwist 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)
MediaTwist, 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)

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Patch Cable, Category 6 and 5E (continued)
Nonbonded-Pair and Bonded-Pair

Patch Cable

Belden Part Number	Color	Length	Packaging	No. of Packages Per Pallet	Total Length Per Pallet
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 002T000	Red	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 003T000	Orange	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 004T000	Yellow	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 005T000	Green	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 006T000	Blue	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 007T000	Purple	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A F2VT000	Lt. Gray	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 009T000	White	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)
1592A 010T000	Black	305 m (1000 ft)	Spool	64 spools/pallet	19520 m (64000 ft)

UltraFlex Series Enclosure 600/800



Features:

- Totally knock down design—reduces transportation cost significantly. Packed and shipped in a unique four pieces packing makes shipment within city limits painless and movement within floors a breeze
- Maximum 1200kg static load rated for basic rack
- Contoured front door, with high perforation density. The open area of the doors exceed 1000 Sq. Inch in both the front and back, allowing efficient breathability for the equipment mounted inside
- Light weight and strong
- Split level side panels provide convenient access to installed equipment
- Depth adjustable 19" vertical mounting rails in 6.35 mm increments
- "U" numbers marked on 19" rails
- Quick release, field reversible doors. Optional handles with number locks available for added security
- Multiple sizes available

Standard Configurations: 19" Wide

- Perforated Front Door
- Split Perforated Rear Door
- 4 EIA mounting rails with 9.5mm square holes use standard caged nuts
- 2 Solid Side Panels
- Top Panel with Openings
- Part # and Dimensions see below table
- Complete line of accessories (shelves, managers) show on page 2

Enclosure Specifications:

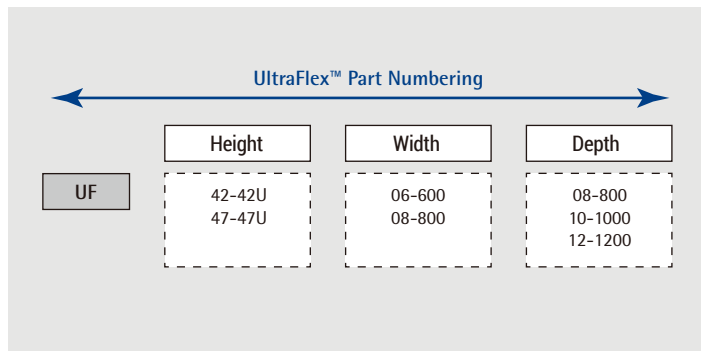
- Dimensions conform to EIA-310E, IEC-60297-2
- Five stage iron-phosphate pretreatment with textured powder coat finish, tested to 500 hours salt spray confirms to ASTM-D610-01 and ASTM-B117
- Low gloss textured black finish
- Premium grade Hot and Cold rolled steel sheet
- All materials RoHS compliant

Technical Specifications

Enclosure Mode I	UltraFlex™ 600				UltraFlex™ 800					
	1000 deep		1200 deep		800 deep		1000 deep		1200 deep	
	42U	47U	42U	47U	42U	47U	42U	47U	42U	47U
Overall Height of Enclosure without Casters	1936	2158	1936	2158	1936	2158	1936	2158	1936	2158
Overall Height of Enclosure including Caster	1981	2203	1981	2203	1981	2203	1981	2203	1981	2203
Usable Enclosure Height	42U	47U	42U	47U	42U	47U	42U	47U	42U	47U
Net weight Kg.(include middle side brace and caster kits)	106.5	116.1	110.4	119.6	115	135	114.4	117.6	122	117.4
Maximum Mounting Depth (mm)	895	895	1095	1095	570	570	895	895	1095	1095
Front Door Total Open Area (sq in)	1074	1203	1074	1203	1483	1652	1483	1652	1483	1652
Rear Door Total Open Area (sq in)	1046	1164	1046	1164	1563	1741	1563	1741	1563	1741
Door opening radius	135°	135°	135°	135°	135°	135°	135°	135°	135°	135°

Some common part numbers:

- UF420610 Enclosure 600x1000 42U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF470610 Enclosure 600x1000 47U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF420612 Enclosure 600x1200 42U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF470612 Enclosure 600x1200 47U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF420808 Enclosure 800x800 42U Complete Set w/Curev front, split rear door, MSB(2) Four Park
- UF470808 Enclosure 800x800 47U Complete Set w/Curev front, split rear door, MSB(2) Four Park
- UF420810 Enclosure 800x1000 42U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF470810 Enclosure 800x1000 47U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF420812 Enclosure 800x1200 42U Complete Set w/Curve front, split rear door, MSB(2)Four Pack
- UF470812 Enclosure 800x1200 47U Complete Set w/Curve front, split rear door, MSB(2)Four Pack

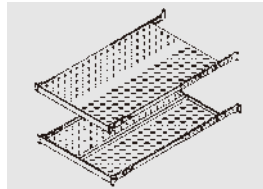


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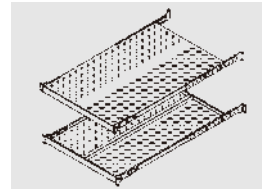


UltraFlex Series Enclosure

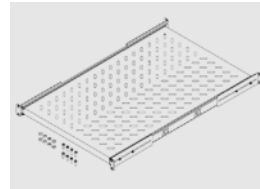
Accessories



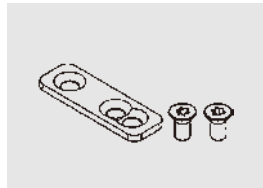
AP900101
19" Shelf Vented Fixed 700 Deep Black



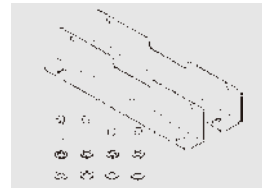
AP900102
19" Shelf Vented Fixed 800 Deep Black



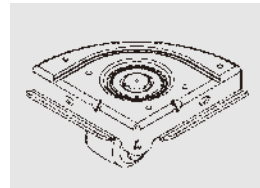
AP900103
19" Mounted Telescopic Shelves, 700mm Deep



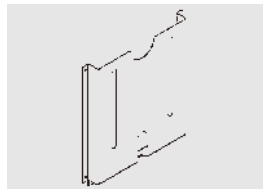
AP900104
Baying Kit



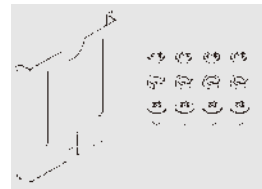
AP900105
Bolt Down Kit



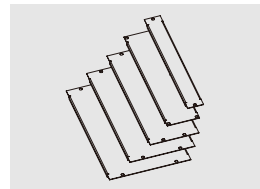
AP900106
Caster kit



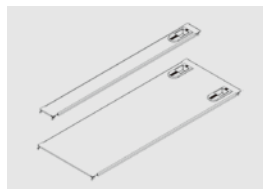
AP900108
Document wallet



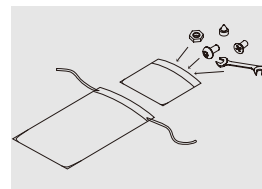
AP900109
Base Plate Panel 600 x 1000



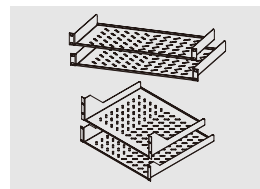
AP900110
Filler panel screw type 2U



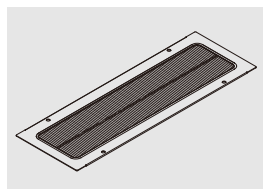
AP900111
Filler Panel Tool Free 1U



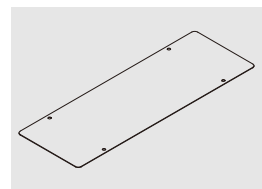
AP900112
Hardware bag



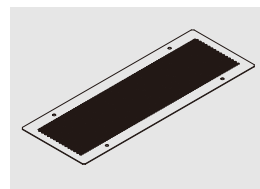
AP900113
Light Equipment Shelf 330 1U



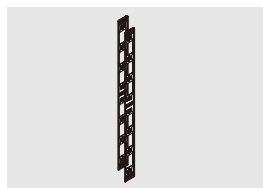
AP900114
Top Panel - Brush Strip



AP900115
Top Panel - Solid Fill



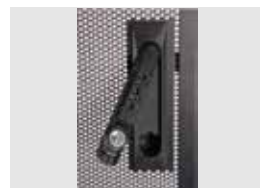
AP900116
Top Panel - Vented



AP900117
Vertical Cable Management Rail - 27U



BHH191U / BHH192U / BHH193U
19" 1U/2U/3U Horizontal Cable Manager W/Cover



AP900119
Handle With Lock

More Accessories

Product code	Description
AP900120	Base Plate Panel 600 x 1200
AP900121	Base Plate Panel 800 x 1000
AP900122	Base Plate Panel 800 x 1200
AP900123	Filler panel screw type 1U
AP900124	Filler panel screw type 3U
AP900125	Filler panel screw type 4U
AP900126	Filler panel screw type 5U
AP900127	Filler Panel Tool Free 2U
AP900128	Filler Panel Tool Free 3U
AP900129	Filler Panel Tool Free 4U
AP900130	Filler Panel Tool Free 5U
AP900131	Light Equipment Shelf 390 1U
AP900132	Light Equipment Shelf 330 2U
AP900133	Light Equipment Shelf 390 2U
AP900134	Light Equipment Shelf 460 2U
AP900135	Light Equipment Shelf 390 3U
AP900136	Vertical Cable Management Rail - 30U
AP900137	Vertical Cable Management Rail - 33U
AP900138	Vertical Cable Management Rail - 36U
AP900139	Vertical Cable Management Rail - 39U
AP900140	Vertical Cable Management Rail - 42U
AP900141	Vertical Cable Management Rail - 45U
AP900142	Vertical Cable Management Rail - 47U
AP900143	Solid Back Door Set 600 x 45U
AP900144	Solid Back Door Set 600 x 47U

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