



## Belden® Copper Catalog



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

**Belden Copper Systems**

# BELDEN

## Introducing **REVConnect<sup>®</sup>** **Systems**



Industry-leading, end-to-end structured cabling solutions with best-in-class performance guarantees in all categories.

- Reliable network performance
- Maximum network speed and uptime
- Reduced installation time and costs
- Simplified deployment
- Versatility in supporting applications
- Maximized bundle sizes under full PoE load

[www.belden.com/revconnect](http://www.belden.com/revconnect)



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

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



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

Cable products compliant with Living Building Challenge requirements are on page 68.

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REVConnect®  
Systems



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

## Representing Networking Leadership at Every Turn

REVConnect Systems offer industry-leading, end-to-end structured cable solutions with best-in-class performance guarantees in all categories. This provides greater peace of mind in knowing that your network infrastructure will support increasing demands. REVConnect components are designed for seamless compatibility, easy installation and in support of current and next-generation network applications. REVConnect Systems offer unmatched system reliability, ease of deployment and application versatility.

### REVConnect 10GXS System

Ideal for demanding applications, Belden's REVConnect 10GXS System combines high-performance connectivity with the best mechanical and electrical characteristics possible in a Category 6A cable. This system supports mission-critical smart buildings, data centers, efficient 100W PoE applications and noisy environments that present lots of signal interference.

### REVConnect 10GXW System

The REVConnect 10GXW System offers outstanding noise immunity and reliability. Its cable and connectivity are designed to support multi-gigabit, in-building wireless applications (up to 10G), such as Wi-Fi 6 and small cells, as well as smart building applications and MPTL device connections in the extended LAN.

### REVConnect 3600 System

The REVConnect 3600 System offers the best price-performance ratio of any end-to-end Category 6 system on the market. With guaranteed performance to 300 MHz, the REVConnect 3600 System offers headroom beyond the TIA/EIA Category 6 standard to support any current IP-based application, including VoIP, PoE, wireless access points and building automation systems. Increased performance guarantees across all electrical parameters, combined with a compact size and REVConnect Connectivity for rapid deployment with less rework, make the REVConnect 3600 System the most cost-effective solution for high-traffic and high bit-rate applications throughout the LAN.

### REVConnect 2400 System

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

### REVConnect 1200 System

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



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

| System                 | 10GXS System                                                                                                                                                 | 10GXW System | 3600 System                | 2400 System | 1200 System                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|-------------|----------------------------|
| Performance Standard   | Category 6A                                                                                                                                                  |              | Category 6                 |             | Category 5e                |
| Available Bandwidth    | 625 MHz                                                                                                                                                      | 500 MHz      | 300 MHz                    | 250 MHz     | 160 MHz                    |
| Cable Selection        | 10GXS Series                                                                                                                                                 | 10GXW Series | 3600 Series                | 2400 Series | 1200 Series                |
| Connectivity Selection | 10GX REVConnect Wall-Mount System                                                                                                                            |              | GigaBIX Cross-Connect      |             | BIX and 110 Cross-Connect  |
|                        | 10GX Modular Patch Panels                                                                                                                                    |              | CAT6+ Modular Patch Panels |             | CAT5E Modular Patch Panels |
|                        | 10GX Modular Jacks                                                                                                                                           |              | CAT6+ Modular Jacks        |             | CAT5E Modular Jacks        |
|                        | 10GX Modular Patch Cords                                                                                                                                     |              | CAT6+ Modular Patch Cords  |             | CAT5E Modular Patch Cords  |
|                        | REVConnect, KeyConnect and Flex Modular Patch Panels<br>MediaFlex, KeyConnect, Interface and MDVO Outlet Hardware<br>(Configurable with appropriate modules) |              |                            |             |                            |

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

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

REVConnect Modules are compatible with KeyConnect footprints

#### Best-in-Class Support and Warranties\*

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

\*When installed by a Belden Certified Partner

#### Contact Belden Today

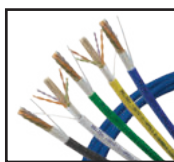
For more information about Belden Copper Systems, call **1.800.BELDEN.1** (800.235.3361) or visit **www.belden.com**.

## Top-Quality Flagship Innovations Provide the Ultimate Value

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

### Belden Bonded-Pair Cables

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



### Pre-Terminated Assemblies Systems

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



### REVConnect Modularity

Our REVConnect modules feature the same footprint as our existing KeyConnect line, allowing them to be used with our existing line of patch panels, faceplates, adapters and boxes.

REVConnect jacks are available in 10GX, CAT6+, and CAT5E, shielded and unshielded, to suit any network performance level.



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



### Best Design and Installation Partners

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



## SECTION ONE

# Category 6A REVConnect Systems

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REVConnect Systems offer industry-leading, end-to-end structured cabling solutions with best-in-class performance guarantees in all categories. Combined with REVConnect Connectivity, which utilizes a single termination process for all components, REVConnect Systems ensure that your network infrastructure investment brings to life the technology and applications of today and tomorrow.

REVConnect 10GXW and 10GXS Systems serve as the gold standard for Category 6A performance and ease of deployment.

Belden's REVConnect 10GXS System supports high-density, high-bandwidth, mission-critical applications and can exceed 100 m channel requirements in certain applications (maximum channel length of up to 185 m).

Belden's REVConnect 10GXW System offers the smallest and lightest horizontal Category 6A cable available for easy installation and to maximize the number of cables that can be installed within a conduit. It's ideal for in-building Wi-Fi and indoor small cell deployment.

The REVConnect 10GXS and 10GXW Systems are based on Belden's innovative enabling technologies:

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

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

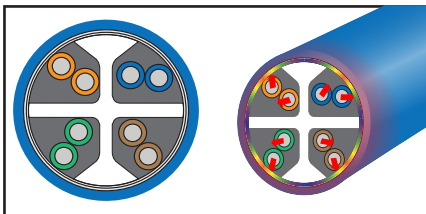
**EquiBlock Barrier Technology** improves heat transfer and blocks noise coupling.

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

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

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

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

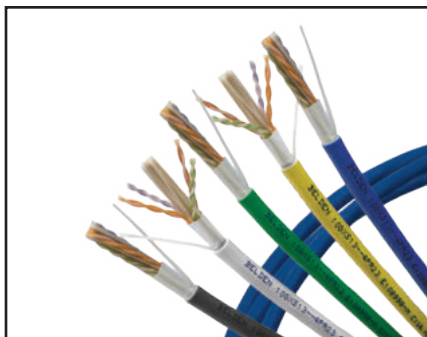


EquiSpline™ Design and EquiBlock™ Barrier Effects



## 10GXS Cables

### Nonbonded-Pair and Bonded-Pair



10GXS System Cables

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



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)

### Applications:

- 10GBASE-T Ethernet
- 1000BASE-T, 2.5 Gb/s and 5 Gb/s Ethernet
- PoE PSE Type 1 (15W), PSE Type 2 (30W), PSE Type 3 (60W), PSE Type 4 (100W)
- Wi-Fi 6, Wi-Fi 5 (IEEE 802.11ac Wave 1 and Wave 2)
- Eliminates length de-rating up to 60°C for 10GBASE-T
- HDBaseT



Shaded part numbers indicate LP-Certification by UL

### Category 6A, 10GXS Cables

| Description                                          |                 | Belden Part Number |                 |                 |                 |                 |                 |
|------------------------------------------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                      |                 | Nonbonded-Pair     |                 |                 | Bonded-Pair     |                 |                 |
| Color                                                | Length          | UnReel             | Spool-in-Box    | Spool           | UnReel          | Spool-in-Box    | Spool           |
| <b>10GXS Cables, UTP, 4-pair, 23 AWG, Plenum-CMP</b> |                 |                    |                 |                 |                 |                 |                 |
| Red                                                  | 1000 ft (305 m) | 10GXS13002U1000    | 10GXS13002A1000 | 10GXS13 0021000 | 10GXS33002U1000 | 10GXS33002A1000 | 10GXS33 0021000 |
| Orange                                               | 1000 ft (305 m) | 10GXS13003U1000    | 10GXS13003A1000 | 10GXS13 0031000 | 10GXS33003U1000 | 10GXS33003A1000 | 10GXS33 0031000 |
| Yellow                                               | 1000 ft (305 m) | 10GXS13004U1000    | 10GXS13004A1000 | 10GXS13 0041000 | 10GXS33004U1000 | 10GXS33004A1000 | 10GXS33 0041000 |
| Green                                                | 1000 ft (305 m) | 10GXS13005U1000    | 10GXS13005A1000 | 10GXS13 0051000 | 10GXS33005U1000 | 10GXS33005A1000 | 10GXS33 0051000 |
| Blue                                                 | 1000 ft (305 m) | 10GXS13D15U1000    | 10GXS13D15A1000 | 10GXS13 D151000 | 10GXS33D15U1000 | 10GXS33D15A1000 | 10GXS33 D151000 |
| Purple                                               | 1000 ft (305 m) | 10GXS13007U1000    | 10GXS13007A1000 | 10GXS13 0071000 | 10GXS33007U1000 | 10GXS33007A1000 | 10GXS33 0071000 |
| Gray                                                 | 1000 ft (305 m) | 10GXS13008U1000    | 10GXS13008A1000 | 10GXS13 0081000 | 10GXS33008U1000 | 10GXS33008A1000 | 10GXS33 0081000 |
| White                                                | 1000 ft (305 m) | 10GXS13009U1000    | 10GXS13009A1000 | 10GXS13 0091000 | 10GXS33009U1000 | 10GXS33009A1000 | 10GXS33 0091000 |
| Black                                                | 1000 ft (305 m) | 10GXS13010U1000    | 10GXS13010A1000 | 10GXS13 0101000 | 10GXS33010U1000 | 10GXS33010A1000 | 10GXS33 0101000 |
| <b>10GXS Cables, UTP, 4-pair, 23 AWG, Riser-CMR</b>  |                 |                    |                 |                 |                 |                 |                 |
| Red                                                  | 1000 ft (305 m) | 10GXS12002U1000    | 10GXS12002A1000 | 10GXS12 0021000 | 10GXS32002U1000 | 10GXS32002A1000 | 10GXS32 0021000 |
| Orange                                               | 1000 ft (305 m) | 10GXS12003U1000    | 10GXS12003A1000 | 10GXS12 0031000 | 10GXS32003U1000 | 10GXS32003A1000 | 10GXS32 0031000 |
| Yellow                                               | 1000 ft (305 m) | 10GXS12004U1000    | 10GXS12004A1000 | 10GXS12 0041000 | 10GXS32004U1000 | 10GXS32004A1000 | 10GXS32 0041000 |
| Green                                                | 1000 ft (305 m) | 10GXS12005U1000    | 10GXS12005A1000 | 10GXS12 0051000 | 10GXS32005U1000 | 10GXS32005A1000 | 10GXS32 0051000 |
| Blue                                                 | 1000 ft (305 m) | 10GXS12006U1000    | 10GXS12006A1000 | 10GXS12 0061000 | 10GXS32006U1000 | 10GXS32006A1000 | 10GXS32 0061000 |
| Purple                                               | 1000 ft (305 m) | 10GXS12007U1000    | 10GXS12007A1000 | 10GXS12 0071000 | 10GXS32007U1000 | 10GXS32007A1000 | 10GXS32 0071000 |
| Gray                                                 | 1000 ft (305 m) | 10GXS12008U1000    | 10GXS12008A1000 | 10GXS12 0081000 | 10GXS32008U1000 | 10GXS32008A1000 | 10GXS32 0081000 |
| White                                                | 1000 ft (305 m) | 10GXS12009U1000    | 10GXS12009A1000 | 10GXS12 0091000 | 10GXS32009U1000 | 10GXS32009A1000 | 10GXS32 0091000 |
| Black                                                | 1000 ft (305 m) | 10GXS12010U1000    | 10GXS12010A1000 | 10GXS12 0101000 | 10GXS32010U1000 | 10GXS32010A1000 | 10GXS32 0101000 |
| <b>10GXS Cables, UTP, 4-pair, 23 AWG, LSZH</b>       |                 |                    |                 |                 |                 |                 |                 |
| Blue                                                 | 1000 ft (305 m) | *                  | *               | 10GXS24 0061000 | *               | *               | *               |
| Purple                                               | 1000 ft (305 m) | *                  | *               | 10GXS24 0071000 | *               | *               | *               |
| White                                                | 1000 ft (305 m) | *                  | *               | 10GXS24 0091000 | *               | *               | *               |

\*Not available

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## 10GXW Cables

### Nonbonded-Pair

Combining the Category 6A performance you need with the Belden quality and reliability you expect, the REVConnect 10GXW System offers best-in-class noise immunity with 4 dB of PSANEXT and 10 dB of PSAACRF headroom. Superior design and manufacturing capabilities ensure system performance that eliminates slow network speeds and maximizes uptime in wireless environments. As the smallest, lightest horizontal Category 6A cable available, it's easy to deploy and maximizes the number of cables that can be installed in conduit.

The system supports high-density, high-bandwidth applications and can exceed 100 m channel requirements in certain applications (maximum channel length of up to 140 m).

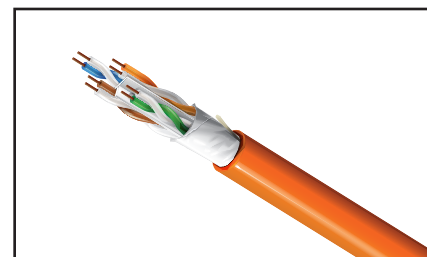
The REVConnect 10GXW System also includes connectivity components that feature Belden's innovative, game-changing REVConnect Connectivity, which supports reliable, easy terminations using a single method for all Category 5e, 6 and 6A RJ45 connections and components.

#### Applications:

- In-building Wi-Fi 6 and Wi-Fi 5
- Indoor small cell deployment
- Network-connected devices for smart building applications
- Multi-gigabit applications of the future (up to 10 Gb/s)

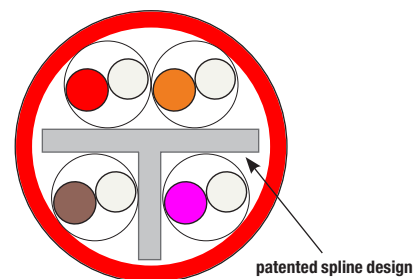


Shaded part numbers indicate LP-Certification by UL



10GXW12

#### Legend



patented spline design

### Category 6A, 10GXW Cables

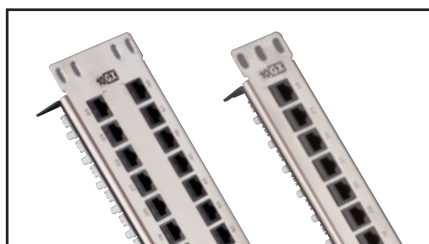
| Description                                     |                 | Belden Part Number |
|-------------------------------------------------|-----------------|--------------------|
|                                                 |                 | Nonbonded-Pair     |
| Color                                           | Length          | Spool              |
| <b>10GXW Cables, 0.250" OD, UTP, Plenum-CMP</b> |                 |                    |
| Red                                             | 1000 ft (305 m) | 10GXW13 0021000    |
| Orange                                          | 1000 ft (305 m) | 10GXW13 0031000    |
| Yellow                                          | 1000 ft (305 m) | 10GXW13 0041000    |
| Green                                           | 1000 ft (305 m) | 10GXW13 0051000    |
| Blue                                            | 1000 ft (305 m) | 10GXW13 D151000    |
| Gray                                            | 1000 ft (305 m) | 10GXW13 0081000    |
| White                                           | 1000 ft (305 m) | 10GXW13 0091000    |
| Black                                           | 1000 ft (305 m) | 10GXW13 0101000    |
| <b>10GXW Cables, 0.260" OD, UTP, Riser-CMR</b>  |                 |                    |
| Red                                             | 1000 ft (305 m) | 10GXW12 0021000    |
| Orange                                          | 1000 ft (305 m) | 10GXW12 0031000    |
| Yellow                                          | 1000 ft (305 m) | 10GXW12 0041000    |
| Green                                           | 1000 ft (305 m) | 10GXW12 0051000    |
| Blue                                            | 1000 ft (305 m) | 10GXW12 0061000    |
| Gray                                            | 1000 ft (305 m) | 10GXW12 0081000    |
| White                                           | 1000 ft (305 m) | 10GXW12 0091000    |
| Black                                           | 1000 ft (305 m) | 10GXW12 0101000    |

## 10GX Patch Panels

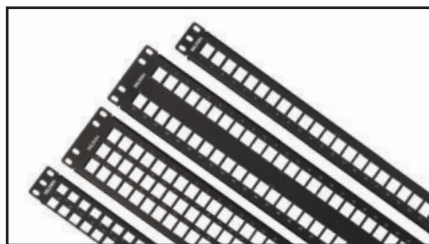
REVConnect and KeyConnect Preloaded and Modular



REVConnect Preloaded Patch Panels (10GX shown)



10GX KeyConnect Patch Panel (Preloaded)



KeyConnect Patch Panel (Empty)



KeyConnect AngleFlex Patch Panel (Empty)



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

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

### Benefits

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

### Features

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

For color icons and dust covers please see page 62.

### Category 6A, 10GX Preloaded Patch Panels

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

### Modular Patch Panels (Empty)

| Description                                               | Belden Part Number |              |
|-----------------------------------------------------------|--------------------|--------------|
|                                                           | White              | Black        |
| <b>REVConnect Modular Patch Panels (Empty)</b>            |                    |              |
| REVConnect Modular Patch Panel 24-port, 1U (Empty)        | RVMPPF1U24BK       | RVMPPF1U24WH |
| REVConnect Modular Patch Panel 48-port, 2U (Empty)        | RVMPPF2U48BK       | RVMPPF2U48WH |
| REVConnect Angled Modular Patch Panel 24-port, 1U (Empty) | RVMPPA1U24BK       | RVMPPA1U24WH |
| REVConnect Angled Modular Patch Panel 48-port, 2U (Empty) | RVMPPA2U48BK       | RVMPPA2U48WH |
| <b>KeyConnect Modular Patch Panels (Empty)</b>            |                    |              |
| KeyConnect Patch Panel, 24-port, 1U (Empty)               | —                  | AX103114     |
| KeyConnect Patch Panel, 48-port, 2U (Empty)               | —                  | AX103115     |
| KeyConnect Patch Panel, 72-port, 2U (Empty)               | —                  | AX103116     |
| KeyConnect Patch Panel, 48-port, 1U (Empty)               | —                  | AX103121     |
| KeyConnect Angled Patch Panel, 24-port, 1U (Empty)        | —                  | AX104599     |
| KeyConnect Angled Patch Panel, 48-port, 2U (Empty)        | —                  | AX104601     |
| KeyConnect Angled Patch Panel, 48-port, 1U (Empty)        | —                  | AX104600     |
| KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)     | —                  | AX103248     |
| KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)     | —                  | AX103249     |

### Front Access Modular Patch Panels and Accessories

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

Faster.  
Easier.  
Better.



## 10GX Connectors, Tools and Accessories

REVConnect, KeyConnect and MDVO

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

### Benefits

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

### Features

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

### Category 6A, 10GX Modular Jacks

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

\*MDVO style jack is white. Color-coded icons and other accessories are available on page 62 and 63.

### 10GX REVConnect Plugs, Tools and Accessories

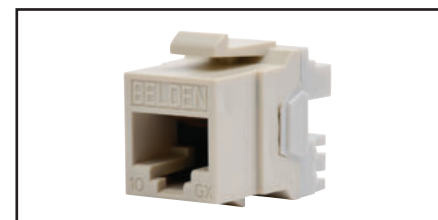
| Description                                        | Single Pack    | Bulk Pack    |
|----------------------------------------------------|----------------|--------------|
| <b>10GX REVConnect Plugs</b>                       |                |              |
| 10GX UTP REVConnect Plug, Black                    | RVAFPUBK-S1    | RVAFPUBK-B24 |
| 10GX STP REVConnect Plug                           | RVAFPSME-S1    | RVAFPSME-B24 |
| 10GX UTP REVConnect FlexPlug, Black                | RVAFFPUBK18-S1 | —            |
| 10GX UTP REVConnect FlexPlug, Electric White       | RVAFFPUW18-S1  | —            |
| <b>REVConnect Termination Tool and Accessories</b> |                |              |
| Universal Termination Tool                         | RVUTT01        | —            |
| Tool Blade Replacement Set                         | RVUTB01        | —            |
| Tool Belt Clip                                     | RVUTC01        | —            |
| Replacement Cable Prep Tool                        | RVUCT01        | —            |
| <b>REVConnect Spare Cores</b>                      |                |              |
| Replacement Caps and Cable Managers, 50 in pack    | —              | RVUC0EW-B50  |

### KeyConnect/MDVO Replacement X-Bars

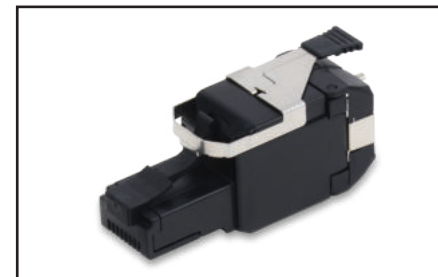
| Description                          | Belden Part Number |
|--------------------------------------|--------------------|
| Replacement X-Bars, bag of 24 pieces | PX103838R          |



REVConnect Jacks Available in 19 Colors



AX102281, 10GX KeyConnect Modular Jack



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



RVAFFPUBK18-S1, 10GX REVConnect FlexPlug



## 10GX Modular Patch Cords

### Bonded-Pair



10GX Modular Cords

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

### Benefits

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

### Category 6A, 10GX Modular Patch Cords

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

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

### Category 6A, Tailored 10GX Modular Patch Cords

| CA                    | 21                                                                               | 1                                                                               | 06                                                                                                                  | 007                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Performance           | Cable                                                                            | Termination                                                                     | Colors                                                                                                              | Length                                                                                                         |
| CA Category 6A (10GX) | 21 UTP, Bonded-Pair, 24 AWG Solid, CMR<br>22 UTP, Bonded-Pair, 24 AWG Solid, CMP | 1 T568A/B-T568A/B<br>4 Crossover T568A -T568B<br>5 Crossover IEEE<br>6 Rollover | 01 Brown<br>02 Red<br>03 Orange<br>04 Yellow<br>05 Green<br>06 Blue<br>07 Purple<br>08 Gray<br>09 White<br>00 Black | 12 TIA Red<br>13 TIA Orange<br>14 TIA Yellow<br>15 TIA Green<br>16 TIA Blue<br>17 TIA Purple                   |
|                       |                                                                                  |                                                                                 |                                                                                                                     | 001 1 ft (0.3 m)<br>002 2 ft (0.6 m)<br>003 3 ft (0.9 m)<br>004 4 ft (1.2 m)<br>005 5 ft (1.5 m)<br>XXX XXX ft |

### Notes:

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

### Example:

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

Faster.  
Easier.  
Better.



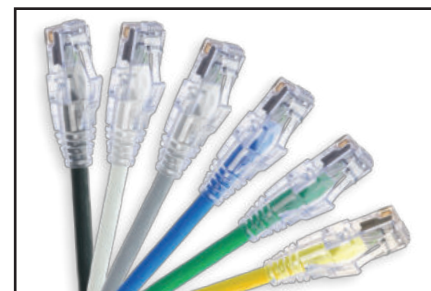
## Category 6A, Small-Diameter Patch Cords

Nonbonded-Pair (28 AWG)

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

### Benefits

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



Small-Diameter Patch Cords

### Category 6A, Small-Diameter Patch Cords

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

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

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

### Category 6A, Tailored Small-Diameter Patch Cords

| CA          |                    | D1    |                                           | 1           |                        | 06     |        | 007    |              |
|-------------|--------------------|-------|-------------------------------------------|-------------|------------------------|--------|--------|--------|--------------|
| Performance |                    | Cable |                                           | Termination |                        | Colors |        | Length |              |
| CA          | Category 6A (10GX) | D1    | UTP, Nonbonded-Pair, 28 AWG Stranded, CMR | 1           | T568A/B-T568A/B        | 02     | Red    | 001    | 1 ft (0.3 m) |
|             |                    |       |                                           | 4           | Crossover T568A -T568B | 04     | Yellow | 002    | 2 ft (0.6 m) |
|             |                    |       |                                           | 5           | Crossover IEEE         | 05     | Green  | 003    | 3 ft (0.9 m) |
|             |                    |       |                                           | 6           | Rollover               | 06     | Blue   | 004    | 4 ft (1.2 m) |
|             |                    |       |                                           |             |                        | 08     | Gray   | 005    | 5 ft (1.5 m) |
|             |                    |       |                                           |             |                        | 09     | White  | XXX    | XXX ft       |
|             |                    |       |                                           |             |                        | 00     | Black  |        |              |

### Notes:

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

### Example:

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

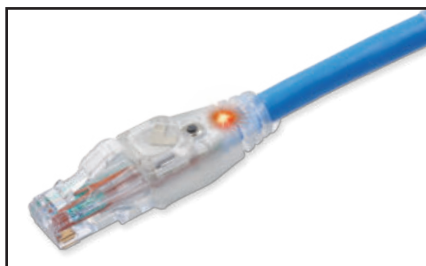
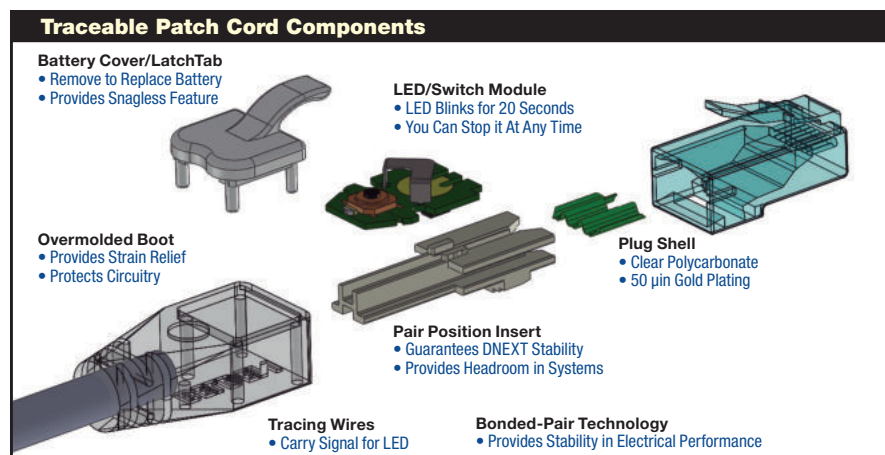
## 10GX Traceable Patch Cords

### Bonded-Pair

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

### Features

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



10GX Traceable Patch Cord

### Category 6A, 10GX Traceable Patch Cords

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

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

### Category 6A, Tailored 10GX Traceable Patch Cords

| CA                    | T1                                                | 1                                                                               | 06                                                                                                                  | 007                                                                                                            |
|-----------------------|---------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Performance           | Cable                                             | Termination                                                                     | Colors                                                                                                              | Length                                                                                                         |
| CA Category 6A (10GX) | T1 Traceable, UTP, Bonded-Pair, 24 AWG Solid, CMR | 1 T568A/B-T568A/B<br>4 Crossover T568A -T568B<br>5 Crossover IEEE<br>6 Rollover | 01 Brown<br>02 Red<br>03 Orange<br>04 Yellow<br>05 Green<br>06 Blue<br>07 Purple<br>08 Gray<br>09 White<br>00 Black | 001 1 ft (0.3 m)<br>002 2 ft (0.6 m)<br>003 3 ft (0.9 m)<br>004 4 ft (1.2 m)<br>005 5 ft (1.5 m)<br>XXX XXX ft |
|                       |                                                   |                                                                                 | 12 TIA Red<br>13 TIA Orange<br>14 TIA Yellow<br>15 TIA Green<br>16 TIA Blue<br>17 TIA Purple                        |                                                                                                                |

### Notes:

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

### Example:

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

Faster.  
Easier.  
Better.



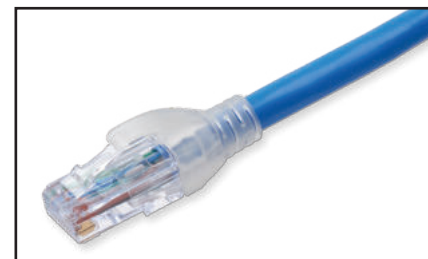
## 10GX Modular Pigtails

### Nonbonded-Pair and Bonded-Pair

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

#### Benefits

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



10GX Modular Pigtail (connector end)



10GX Modular Pigtail

#### Category 6A, 10GX Modular Pigtails

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

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

#### Category 6A, Tailored 10GX Modular Pigtails

| Performance |                    | Cable |                                        | Termination |            | Colors |        |    |            | Length |               |
|-------------|--------------------|-------|----------------------------------------|-------------|------------|--------|--------|----|------------|--------|---------------|
| CA          | Category 6A (10GX) |       |                                        |             |            |        |        |    |            |        |               |
|             |                    | 21    | UTP, Bonded-Pair, 24 AWG Solid, CMR    | 2           | T568A-Open | 01     | Brown  |    |            | 015    | 15 ft (4.6 m) |
|             |                    | 22    | UTP, Bonded-Pair, 24 AWG Solid, CMP    | 3           | T568B-Open | 02     | Red    | 12 | TIA Red    | 016    | 16 ft (4.9 m) |
|             |                    | 31    | UTP, Nonbonded-Pair, 24 AWG Solid, CMR |             |            | 03     | Orange | 13 | TIA Orange | 017    | 17 ft (5.2 m) |
|             |                    | 32    | UTP, Nonbonded-Pair, 24 AWG Solid, CMP |             |            | 04     | Yellow | 14 | TIA Yellow | 018    | 18 ft (5.5 m) |
|             |                    |       |                                        |             |            | 05     | Green  | 15 | TIA Green  | 019    | 19 ft (5.8 m) |
|             |                    |       |                                        |             |            | 06     | Blue   | 16 | TIA Blue   | 020    | 20 ft (6.1 m) |
|             |                    |       |                                        |             |            | 07     | Purple | 17 | TIA Purple | XXX    | XXX ft        |
|             |                    |       |                                        |             |            | 08     | Gray   |    |            |        |               |
|             |                    |       |                                        |             |            | 09     | White  |    |            |        |               |
|             |                    |       |                                        |             |            | 00     | Black  |    |            |        |               |

#### Notes:

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

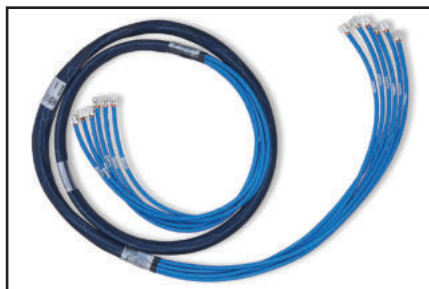
#### Example:

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



## 10GX REVConnect Pre-Terminated Cabling System

### Couplers and Cable Assemblies



10GX REVConnect Pre-Terminated Cable Assemblies



10GX REVConnect Coupler

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

Proven modular components are the cornerstone of the system, including 10GX REVConnect Pre-Term Assemblies and 10GX REVConnect Couplers, Jacks and/or RJ45 Plugs. Bonded-Pair technology ensures that the cable assemblies

offer exceptional structural stability and unflinching electrical performance. The patented Dual-FleX design ensures controlled plug/jack mated connections on both sides of the coupler. This provides an uninterrupted electrical path for superior connector reliability and transmission performance.

### 10GX REVConnect Preloaded Patch Panels

| Description                                                 | Belden Part Number |              |
|-------------------------------------------------------------|--------------------|--------------|
| 10GX Preloaded Patch Panels                                 | Black              | White        |
| 10GX REVConnect Patch Panel 24-port, 1U (Preloaded)         | RVAPPF1U24WH       | RVAPPF1U24BK |
| 10GX REVConnect Patch Panel 48-port, 2U (Preloaded)         | RVAPPF2U48WH       | RVAPPF2U48BK |
| 10GX REVConnect Angled Patch Panel 24-port, 1U (Preloaded)  | RVAPPA1U24WH       | RVAPPA1U24BK |
| 10GX REVConnect Angled Patch Panel 48-port, 2U (Preloaded)  | RVAPPA2U48WH       | RVAPPA2U48BK |
| 10GX Coupler Preloaded Patch Panels                         | Black              | White        |
| 10GX REVConnect Coupler Patch Panel 24-port, 1U (Preloaded) | RVACPF1U24BK       | —            |
| 10GX REVConnect Coupler Patch Panel 48-port, 2U (Preloaded) | —                  | RVACPF2U48BK |

### Category 6A, 10GX RJ45 Couplers

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

### Category 6A, 10GX REVConnect Pre-Terminated Assemblies

|             |                                             |             |           |          |                         |                  |                 |               |                      |             |              |     |              |     |              |
|-------------|---------------------------------------------|-------------|-----------|----------|-------------------------|------------------|-----------------|---------------|----------------------|-------------|--------------|-----|--------------|-----|--------------|
| C           | B                                           | 06          | A         | U        | C                       | T                | R               | B             | 006                  |             |              |     |              |     |              |
| Bundle Type |                                             | # of Cables |           | Category | Unshielded/<br>Shielded | Termination Type |                 | Wiring Scheme |                      | Fire Rating | Colors       |     | Length       |     |              |
| B           | Braided Sleeve                              | 01          | 1 Cable   | 6        | Cat6                    | C                | RC Core to Core | T             | T568A/B-T568A/B      | R           | Riser        | B   | Blue         | 006 | 6 ft (1.8 m) |
| N*          | No Sleeve,<br>Single Cable,<br>Core to Core | 06          | 6 Cables  | A        | Cat6A                   | U                | UTP             | 1             | RC Core to RJ45 Plug | A           | T568A-OPEN   | S   | Gray         | 007 | 7 ft (2.1 m) |
|             |                                             | 08          | 8 Cables  |          |                         | 3                | RC Core to Open | B             | T568B-OPEN           | W           | White        | 008 | 8 ft (2.4 m) |     |              |
|             |                                             | 12          | 12 Cables |          |                         |                  |                 | N             | Black                | 009         | 9 ft (2.7 m) |     |              |     |              |
|             |                                             |             |           |          |                         |                  |                 |               |                      |             |              |     |              | 010 | 10 ft (3 m)  |
|             |                                             |             |           |          |                         |                  |                 |               |                      |             |              |     |              | XXX | XXX ft       |

#### Notes:

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

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

#### Example:

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

Faster.  
Easier.  
Better.



## 10GX Pre-Terminated Cabling System

### Patch Panels, Couplers and Cable Assemblies

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

Proven modular components are the cornerstone of the systems, including 10GX Pre-Terminated Cable Assemblies and 10GX RJ45 Modular Couplers. These components rely on unique enabling technologies: Bonded-Pair ensure that the cable assemblies boast exceptional structural stability and unfailing electrical performance while the patented Dual-Flex

design ensures controlled plug/jack mated connection on both sides of the coupler to provide an uninterrupted electrical path for superior connector reliability and transmission performance.

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



10GX Pre-Terminated Cable Assemblies

### Category 6A, 10GX Preloaded Coupler Patch Panels

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

Empty Patch Panels can be used when colored couplers are used

\*Mount in XZUK01 and XZUK02 brackets

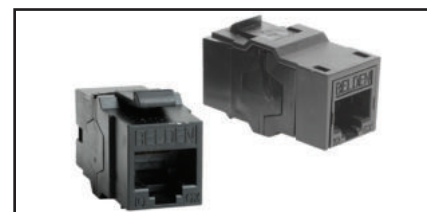


10GX KeyConnect Patch Panels (Preloaded)

### Category 6A, 10GX KeyConnect RJ45 Couplers

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

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



10GX RJ45 Coupler

### Category 6A, 10GX Pre-Terminated Trunks

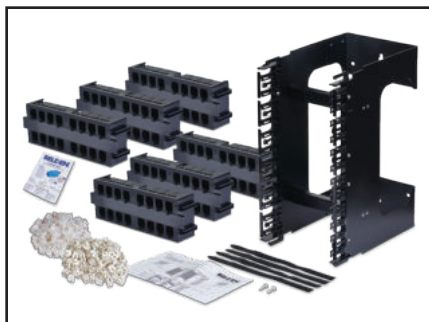
| CA          |                    | 21    |                                     | 1           |                 | 06     |       | 020    |              | A06         |          |
|-------------|--------------------|-------|-------------------------------------|-------------|-----------------|--------|-------|--------|--------------|-------------|----------|
| Performance |                    | Cable |                                     | Termination |                 | Colors |       | Length |              | # of Cables |          |
| CA          | Category 6A (10GX) | 21    | UTP, Bonded-Pair, 24 AWG Solid, CMR | 1           | T568A/B-T568A/B | 06     | Blue  | 006    | 6 ft (1.8 m) | A06         | 6 Cables |
|             |                    | 22    | UTP, Bonded-Pair, 24 AWG Solid, CMP |             |                 | 08     | Gray  | 007    | 7 ft (2.1 m) | A08         | 8 Cables |
|             |                    |       |                                     |             |                 | 09     | White | 008    | 8 ft (2.4 m) |             |          |
|             |                    |       |                                     |             |                 | 00     | Black | 009    | 9 ft (2.7 m) |             |          |
|             |                    |       |                                     |             |                 |        |       | 010    | 10 ft (3 m)  |             |          |
|             |                    |       |                                     |             |                 |        |       | XXX    | XXX ft       |             |          |

#### Notes:

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

#### Example:

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



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



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



REVConnect Wall-Mount Patch Cable Management Channel



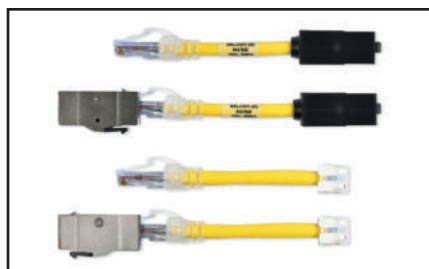
REVConnect Wall-Mount Cable Dressing Module



REVConnect Wall-Mount Horizontal Channel Kit



10GX REVConnect Coupler



REVConnect Core Test Adapters

## 10GX REVConnect Wall-Mount System

Connecting Components, Accessories, X-Connect Cables and Frames

The 10GX REVConnect Wall-Mount System is a very high-density, flexible cross-connect system that meets Category 6A performance when using 10GXS Cable terminated with REVConnect Cores as jumpers between user and equipment ports. As the basic component of the system, the REVConnect Coupler (core-to-core connector) is surrounded by cable dressing and patch cable

management accessories. When used in a "cut-to-length" fashion (10GXS Cable + cores), the 10GX REVConnect Wall-Mount System provides installed cost savings of up to 40% compared to other Category 6A wall-mount cross-connect systems, and reduces operating costs by over 45% by allowing higher termination density and eliminating patch cord slack management.

### Category 6A, 10GX REVConnect Wall-Mount System

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

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

### REVConnect Test Adapters

| Description                                    | Belden Part Number |
|------------------------------------------------|--------------------|
| REVConnect Coupler Test Kit                    | RVUTA01            |
| REVConnect Coupler Test Adapter 10GXS, 4 inch  | RVUTA02            |
| REVConnect Flexplug Test Kit                   | RVUTA21            |
| REVConnect Flexplug Test Adapter 10GXS, 4 inch | RVUTA22            |

For testing instructions, see the [REVConnect Testing Guidelines document](#).

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

Faster.  
Easier.  
Better.



## 10GX Shielded Cables

### Nonbonded-Pair and Bonded-Pair

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

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



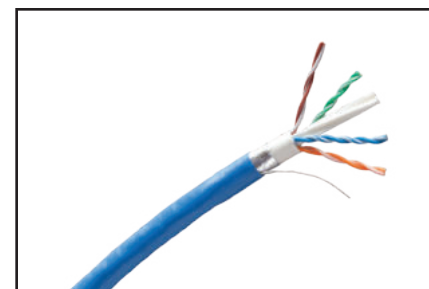
ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)

#### Applications:

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



Shaded part numbers indicate LP-Certified by UL



10GX Shielded Cable

### Category 6A, 10GX Shielded Cables

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

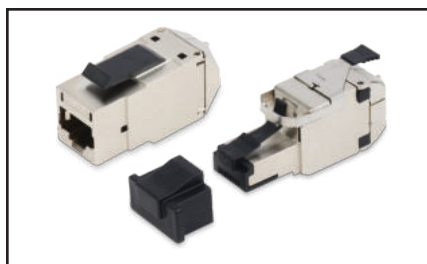


## 10GX Shielded System

### Patch Panels, Jacks, Plugs and Patch Cords



10GX Shielded Modular Patch Panel (Empty)



10GX Shielded REVConnect Modular Jack and Plug



10GX Shielded Modular Patch Cords

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

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

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

#### Category 6A, 10GX Shielded Modular Patch Panels

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

#### Category 6A, 10GX Shielded Modular Jacks

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

Color-coded icons and other accessories are available on page 62 and 63.

#### Category 6A, 10GX Shielded Modular Plugs

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

#### Category 6A, 10GX Shielded Modular Patch Cords

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

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

#### Category 6A, Tailored 10GX Shielded Modular Patch Cords

|           |                    |
|-----------|--------------------|
| <b>CA</b> | <b>Performance</b> |
| CA        | Category 6A (10GX) |

|           |                                          |
|-----------|------------------------------------------|
| <b>F1</b> | <b>Cable</b>                             |
| F1        | Shielded, Bonded-Pair, 24 AWG Solid, CMR |
| F2        | Shielded, Bonded-Pair, 24 AWG Solid, CMP |

|          |                       |
|----------|-----------------------|
| <b>1</b> | <b>Termination</b>    |
| 1        | T568A/B-T568A/B       |
| 4        | Crossover T568A-T568B |
| 5        | Crossover IEEE        |
| 6        | Rollover              |

|           |               |
|-----------|---------------|
| <b>06</b> | <b>Colors</b> |
| 01        | Brown         |
| 02        | Red           |
| 03        | Orange        |
| 04        | Yellow        |
| 05        | Green         |
| 06        | Blue          |
| 07        | Purple        |
| 08        | Gray          |
| 09        | White         |
| 00        | Black         |

|            |               |
|------------|---------------|
| <b>007</b> | <b>Length</b> |
| 001        | 1 ft (0.3 m)  |
| 002        | 2 ft (0.6 m)  |
| 003        | 3 ft (0.9 m)  |
| 004        | 4 ft (1.2 m)  |
| 005        | 5 ft (1.5 m)  |
| XXX        | XXX ft        |

#### Notes:

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

#### Example:

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

Faster.  
Easier.  
Better.



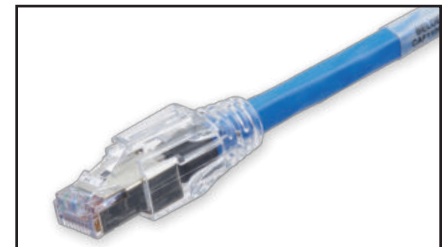
## 10GX Shielded System (continued)

### Pigtails

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

#### Benefits

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



10GX Shielded Modular Pigtail (connector end)

### Category 6A, 10GX Shielded Modular Pigtails

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

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

### Category 6A, Tailored 10GX Shielded Modular Pigtails

| CA          |                    | F1    |                                         | 2           |            | 06     |        | 030    |               |
|-------------|--------------------|-------|-----------------------------------------|-------------|------------|--------|--------|--------|---------------|
| Performance |                    | Cable |                                         | Termination |            | Colors |        | Length |               |
| CA          | Category 6A (10GX) | F1    | Shielded Bonded-Pair, 24 AWG Solid, CMR | 2           | T568A-Open | 01     | Brown  | 015    | 15 ft (4.6 m) |
|             |                    | F2    | Shielded Bonded-Pair, 23 AWG Solid, CMP | 3           | T568B-Open | 02     | Red    | 016    | 16 ft (4.9 m) |
|             |                    |       |                                         |             |            | 03     | Orange | 017    | 17 ft (5.2 m) |
|             |                    |       |                                         |             |            | 04     | Yellow | 018    | 18 ft (5.5 m) |
|             |                    |       |                                         |             |            | 05     | Green  | 019    | 19 ft (5.8 m) |
|             |                    |       |                                         |             |            | 06     | Blue   | 020    | 20 ft (6.1 m) |
|             |                    |       |                                         |             |            | 07     | Purple | XXX    | XXX ft        |
|             |                    |       |                                         |             |            | 08     | Gray   |        |               |
|             |                    |       |                                         |             |            | 09     | White  |        |               |
|             |                    |       |                                         |             |            | 00     | Black  |        |               |

#### Notes:

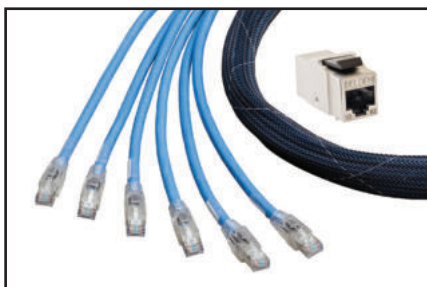
Use XXX to specify length in feet 015-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft.

#### Example:

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

## 10GX Shielded Pre-Terminated Cabling System

### Couplers, Accessories and Cable Assemblies



10GX Shielded Pre-Terminated Cable System



10GX Shielded KeyConnect RJ45 Coupler

The 10GX Shielded Pre-Terminated Cabling System delivers rapid deployment coupled with guaranteed Category 6A performance and headroom, without the need for tradeoffs or compromise in performance and reliability. Bringing a new level of ease and convenience to cabling system design, ordering and installation, the system allows users to deploy high-performance 10G networks with optimal speed and efficiency. Proven modular components are the cornerstone of the system, including 10GX Shielded Pre-Terminated Cable Assemblies and 10GX Shielded RJ45 Modular Couplers. These components rely on unique enabling technologies: Belden's Bonded-Pair technologies ensure that the cable assemblies

boast exceptional structural stability and unfailing electrical performance while the patented Dual-FleX design ensures controlled plug/jack mated connections on both sides of the coupler to provide an uninterrupted electrical path for superior connector reliability and transmission performance.

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

### Category 6A, 10GX Shielded RJ45 Coupler

| Description                           | Belden Part Number |
|---------------------------------------|--------------------|
| 10GX KeyConnect Shielded RJ45 Coupler | AX104501           |

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

### Color-Coded Icon Kit

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

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

| Performance                  | Cable                                                                                                    | Termination              | Colors                                                                 | Length                                                                                                                                                  | # of Cables                                |
|------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>CA</b> Category 6A (10GX) | <b>F1</b> Shielded, Bonded-pair, 24 AWG Solid, CMR<br><b>F2</b> Shielded, Bonded-pair, 23 AWG Solid, CMP | <b>1</b> T568A/B-T568A/B | <b>06</b> Blue<br><b>08</b> Gray<br><b>09</b> White<br><b>00</b> Black | <b>006</b> 6 ft (1.8 m)<br><b>007</b> 7 ft (2.1 m)<br><b>008</b> 8 ft (2.4 m)<br><b>009</b> 9 ft (2.7 m)<br><b>010</b> 10 ft (3 m)<br><b>XXX</b> XXX ft | <b>A06</b> 6 Cables<br><b>A08</b> 8 Cables |

#### Notes:

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

#### Example:

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



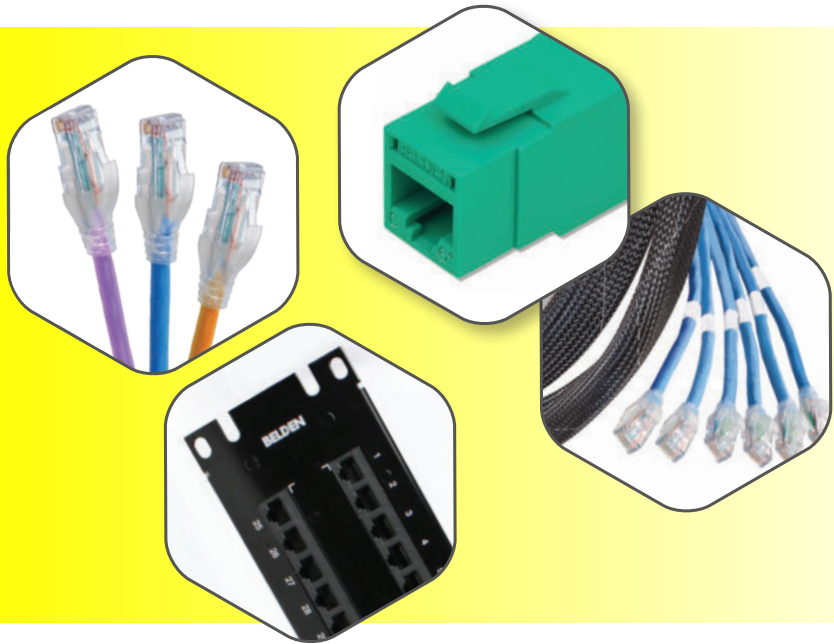
## SECTION TWO

# Category 6 REVConnect Systems

### Table of Contents

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

**The REVConnect 3600 System** offers the best price-performance ratio of any end-to-end Category 6 system on the market. With guaranteed performance to 300 MHz, the 3600 System offers headroom beyond the TIA/EIA Category 6 standard.

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

Belden's 3600 Pre-Terminated Cabling System features proven modular components and an intuitive plug-and-play installation that delivers

rapid deployment and guaranteed Category 6 performance and headroom.

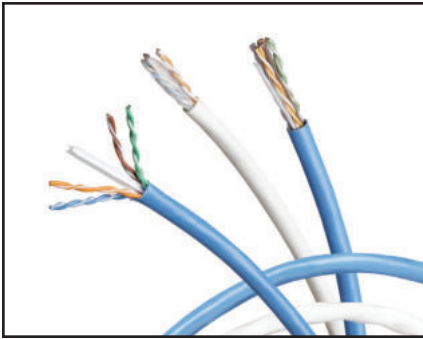
Based on proven reliable BIX technology, the space-saving GigaBIX Category 6 Cross-Connect System offers easy installation and cable management for high-density applications.

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



## 3600 Cables

### Nonbonded-Pair and Bonded-Pair



3600 Cable

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

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



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)

### Features

- Central spline design separates pairs and maintains stable pair position, improving crosstalk and impedance/RL performance
- Increased bandwidth and signal-to-noise margins
- Optimized balance of transmission performance for simultaneous parallel transmission protocols
- Size minimized for compact installations
- PoE PSE Type 1 (15W), PSE Type 2 (30W), PSE Type 3 (60W), PSE Type 4 (100W)
- When used with 3600 System, the channel provides at least 300 MHz of bandwidth



Shaded part numbers indicate LP-Certified by UL

## 3600 Cables

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

\*Not available

Faster.  
Easier.  
Better.



## 2400 Cables

### Nonbonded-Pair and Bonded-Pair

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



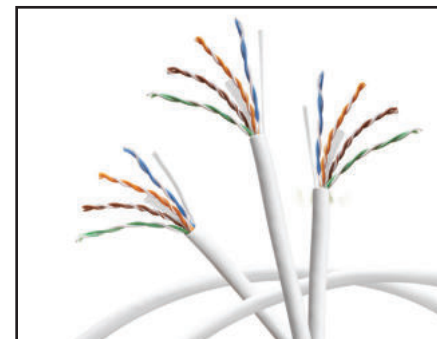
Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)



Shaded part numbers indicate LP-Certified by UL



2400 Cable

### 2400 Cables

| Description                                          |                 | Belden Part Number |               |              |               |               |               |
|------------------------------------------------------|-----------------|--------------------|---------------|--------------|---------------|---------------|---------------|
|                                                      |                 | Nonbonded-Pair     |               |              | Bonded-Pair   |               |               |
| Color                                                | Length          | UnReel             | Spool-in-Box  | Spool        | UnReel        | Spool-in-Box  | Spool         |
| <b>2400 Cables, UTP, 4-pair, 23 AWG, Plenum-CMP</b>  |                 |                    |               |              |               |               |               |
| Red                                                  | 1000 ft (305 m) | Available          | 2413 002A1000 | Available    | 2433 002U1000 | 2433 002A1000 | 2433 0021000  |
| Orange                                               | 1000 ft (305 m) | 2413 003U1000      | 2413 003A1000 | 2413 0031000 | 2433 003U1000 | 2433 003A1000 | 2433 0031000  |
| Yellow                                               | 1000 ft (305 m) | 2413 004U1000      | 2413 004A1000 | 2413 0041000 | 2433 004U1000 | 2433 004A1000 | 2433 0041000  |
| Green                                                | 1000 ft (305 m) | 2413 005U1000      | 2413 005A1000 | 2413 0051000 | 2433 005U1000 | 2433 005A1000 | 2433 0051000  |
| Blue                                                 | 1000 ft (305 m) | 2413 D15U1000      | 2413 D15A1000 | 2413 D151000 | 2433 D15U1000 | 2433 D15A1000 | 2433 D151000  |
| Purple                                               | 1000 ft (305 m) | 2413 007U1000      | 2413 007A1000 | Available    | 2433 007U1000 | 2433 007A1000 | 2433 0071000  |
| Gray                                                 | 1000 ft (305 m) | 2413 008U1000      | 2413 008A1000 | 2413 0081000 | 2433 008U1000 | 2433 008A1000 | 2433 0081000  |
| White                                                | 1000 ft (305 m) | 2413 009U1000      | 2413 009A1000 | 2413 0091000 | 2433 009U1000 | 2433 009A1000 | 2433 0091000  |
| Black                                                | 1000 ft (305 m) | 2413 010U1000      | 2413 010A1000 | 2413 0101000 | 2432 010U1000 | 2432 010A1000 | 2433 0101000  |
| Yellow                                               | 2500 ft (762 m) | *                  | *             | 2413 0042500 | *             | *             | *             |
| Green                                                | 2500 ft (762 m) | *                  | *             | 2413 0052500 | *             | *             | *             |
| Blue                                                 | 2500 ft (762 m) | *                  | *             | 2413 D152500 | *             | *             | *             |
| White                                                | 2500 ft (762 m) | *                  | *             | 2413 0092500 | *             | *             | *             |
| Black                                                | 2500 ft (762 m) | *                  | *             | 2413 0102500 | *             | *             | *             |
| <b>2400 Cables, UTP, 4-pair, 23 AWG, Riser-CMR**</b> |                 |                    |               |              |               |               |               |
| Red                                                  | 1000 ft (305 m) | Available          | 2412 002A1000 | Available    | 2432 002U1000 | 2432 002A1000 | 2432 002A1000 |
| Orange                                               | 1000 ft (305 m) | 2412 003U1000      | 2412 003A1000 | Available    | 2432 003U1000 | 2432 003A1000 | 2432 003A1000 |
| Yellow                                               | 1000 ft (305 m) | 2412 004U1000      | 2412 004A1000 | 2412 0041000 | 2432 004U1000 | 2432 004A1000 | 2432 004A1000 |
| Green                                                | 1000 ft (305 m) | 2412 005U1000      | 2412 005A1000 | 2412 0051000 | 2432 005U1000 | 2432 005A1000 | 2432 005A1000 |
| Blue                                                 | 1000 ft (305 m) | 2412 006U1000      | 2412 006A1000 | 2412 0061000 | 2432 006U1000 | 2432 006A1000 | 2432 006A1000 |
| Purple                                               | 1000 ft (305 m) | 2412 007U1000      | 2412 007A1000 | Available    | 2432 007U1000 | 2432 007A1000 | 2432 007A1000 |
| Gray                                                 | 1000 ft (305 m) | 2412 008U1000      | 2412 008A1000 | 2412 0081000 | 2432 008U1000 | 2432 008A1000 | 2432 008A1000 |
| White                                                | 1000 ft (305 m) | 2412 009U1000      | 2412 009A1000 | 2412 0091000 | 2432 009U1000 | 2432 009A1000 | 2432 009A1000 |
| Black                                                | 1000 ft (305 m) | 2412 010U1000      | 2412 010A1000 | 2412 0101000 | 2432 010U1000 | 2432 010A1000 | 2432 010A1000 |
| Yellow                                               | 2500 ft (762 m) | *                  | *             | 2412 0042500 | *             | *             | *             |
| Blue                                                 | 2500 ft (762 m) | *                  | *             | 2412 0062500 | *             | *             | *             |
| White                                                | 2500 ft (762 m) | *                  | *             | 2412 0092500 | *             | *             | *             |
| <b>2400 Cables, UTP, 4-pair, 23 AWG, LSZH</b>        |                 |                    |               |              |               |               |               |
| Blue                                                 | 1000 ft (305 m) | *                  | Available     | 2424 0061000 | *             | *             | *             |
| Purple                                               | 1000 ft (305 m) | *                  | Available     | 2424 0071000 | *             | *             | *             |
| White                                                | 1000 ft (305 m) | *                  | Available     | 2424 0091000 | *             | *             | *             |

\*Not available

\*\*2412 LP-certification available upon request only

## CAT6+ Patch Panels

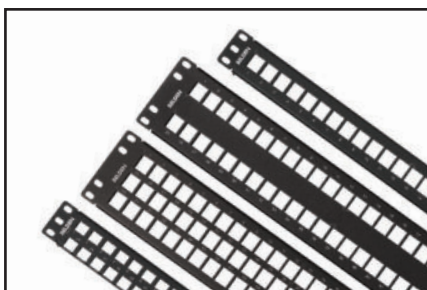
### Preloaded and Modular



REVConnect Preloaded Patch Panels (10GX shown)



CAT6+ HD Patch Panel



Modular Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels

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

#### Benefits

- Performance supports REVConnect 2400 and 3600 Systems
- Flat, Angled and AngleFlex options available
- Quick and easy termination with REVConnect termination tool (REVConnect patch panels)
- Front access options (REVConnect patch panels) for additional versatility

#### Features

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

For color icons and dust covers please see page 62.

### Category 6, CAT6+ Preloaded Patch Panels

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

### Modular Patch Panels (Empty)

| Description                                               | Belden Part Number |              |
|-----------------------------------------------------------|--------------------|--------------|
|                                                           | White              | Black        |
| <b>REVConnect Modular Patch Panels (Empty)</b>            |                    |              |
| REVConnect Modular Patch Panel 24-port, 1U (Empty)        | RVMPPF1U24BK       | RVMPPF1U24WH |
| REVConnect Modular Patch Panel 48-port, 2U (Empty)        | RVMPPF2U48BK       | RVMPPF2U48WH |
| REVConnect Angled Modular Patch Panel 24-port, 1U (Empty) | RVMPPA1U24BK       | RVMPPA1U24WH |
| REVConnect Angled Modular Patch Panel 48-port, 2U (Empty) | RVMPPA2U48BK       | RVMPPA2U48WH |
| <b>KeyConnect Modular Patch Panels (Empty)</b>            |                    |              |
| KeyConnect Modular Patch Panel, 24-port, 1U (Empty)       | —                  | AX103114     |
| KeyConnect Modular Patch Panel, 48-port, 1U (Empty)       | —                  | AX103121     |
| KeyConnect Modular Patch Panel, 48-port, 2U (Empty)       | —                  | AX103115     |
| KeyConnect Modular Patch Panel, 72-port, 2U (Empty)       | —                  | AX103116     |
| KeyConnect Modular Patch Panel, 96-port, 3U (Empty)       | —                  | AX105371     |
| KeyConnect Angled Patch Panel, 24-port, 1U (Empty)        | —                  | AX104599     |
| KeyConnect Angled Patch Panel, 48-port, 2U (Empty)        | —                  | AX104601     |
| KeyConnect Angled Patch Panel, 48-port, 1U (Empty)        | —                  | AX104600     |
| KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)     | —                  | AX103248     |
| KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)     | —                  | AX103249     |

### Front Access Modular Patch Panels and Accessories

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

Faster.  
Easier.  
Better.



## CAT6+ Connectors, Tools and Accessories

REVConnect, KeyConnect and MDVO

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

### Benefits

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

### Features

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

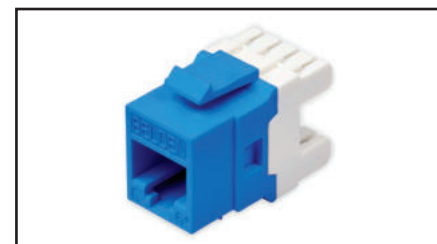


REVConnect Jacks Available in 19 Colors

### Category 6, CAT6+ Modular Jacks

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

\*MDVO style jack is white. Color-coded icons and other accessories are available on page 62 and 63.



AX104193, KeyConnect Jack



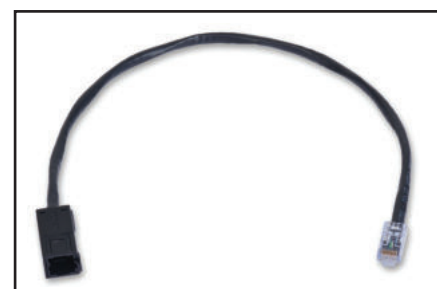
RVUTT01, REVConnect Termination Tool; includes one Cable Prep Tool and spare blade set

### REVConnect Plugs, Tools and Accessories

| Description                                              | Belden Part Number |
|----------------------------------------------------------|--------------------|
| <b>CAT6+ REVConnect Plugs</b>                            |                    |
| CAT6+ UTP REVConnect FlexPlug, Black                     | RV6FFPUBK18-S1     |
| CAT6+ UTP REVConnect FlexPlug, Electric White            | RV6FFPUEW18-S1     |
| <b>REVConnect Termination Tool and Accessories</b>       |                    |
| Universal Termination Tool                               | RVUTT01            |
| Tool Blade Replacement Set                               | RVUTB01            |
| Tool Belt Clip                                           | RVUTC01            |
| Replacement Cable Prep Tool                              | RVUCT01            |
| <b>REVConnect Spare Cores</b>                            |                    |
| Replacement Caps and Cable Managers (50 of each in pack) | RVUC0EW-B50        |

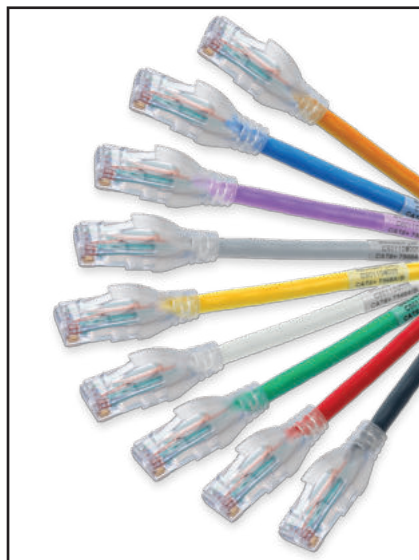
### KeyConnect/MDVO Replacement T-Bars

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



Flex Plug





CAT6+ Modular Patch Cords

## CAT6+ Modular Patch Cords

### Bonded-Pair

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

### Benefits

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

### Category 6, CAT6+ Modular Patch Cords

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

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

### Category 6, Tailored CAT6+ Modular Patch Cords

|             |                   |
|-------------|-------------------|
| <b>C6</b>   |                   |
| Performance | Category 6, CAT6+ |

|           |                                     |
|-----------|-------------------------------------|
| <b>01</b> |                                     |
| Cable     | UTP, Bonded-pair, 24 AWG Solid, CMR |
| 02        | UTP, Bonded-pair, 24 AWG Solid, CMP |

|             |                        |
|-------------|------------------------|
| <b>1</b>    |                        |
| Termination | T568A/B-T568A/B        |
| 4           | Crossover T568A -T568B |
| 5           | Crossover IEEE         |
| 6           | Rollover               |

06

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

|            |              |
|------------|--------------|
| <b>007</b> |              |
| Length     |              |
| 001        | 1 ft (0.3 m) |
| 002        | 2 ft (0.6 m) |
| 003        | 3 ft (0.9 m) |
| 004        | 4 ft (1.2 m) |
| 005        | 5 ft (1.5 m) |
| XXX        | XXX ft       |

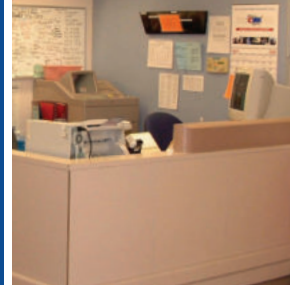
### Notes:

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

### Example:

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

Faster.  
Easier.  
Better.



## Category 6, Small-Diameter Patch Cords

Nonbonded-Pair (28 AWG)

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

### Benefits

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



CAT6+ Small-Diameter Patch Cords

### Category 6, Small-Diameter Patch Cords

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

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

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

### Category 6, Tailored Small-Diameter Patch Cords

|           |                    |
|-----------|--------------------|
| <b>C6</b> | <b>Performance</b> |
| C6        | Category 6, CAT6+  |

|           |                                           |
|-----------|-------------------------------------------|
| <b>D1</b> | <b>Cable</b>                              |
| D1        | UTP, Nonbonded-Pair, 28 AWG Stranded, CMR |

|          |                       |
|----------|-----------------------|
| <b>1</b> | <b>Termination</b>    |
| 1        | T568A/B-T568A/B       |
| 4        | Crossover T568A-T568B |
| 5        | Crossover IEEE        |
| 6        | Rollover              |

|           |               |
|-----------|---------------|
| <b>06</b> | <b>Colors</b> |
| 02        | Red           |
| 04        | Yellow        |
| 05        | Green         |
| 06        | Blue          |
| 08        | Gray          |
| 09        | White         |
| 00        | Black         |

|            |               |
|------------|---------------|
| <b>007</b> | <b>Length</b> |
| 001        | 1 ft (0.3 m)  |
| 002        | 2 ft (0.6 m)  |
| 003        | 3 ft (0.9 m)  |
| 004        | 4 ft (1.2 m)  |
| 005        | 5 ft (1.5 m)  |
| XXX        | XXX ft        |

### Notes:

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

### Example:

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

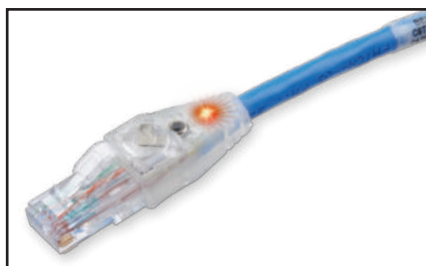
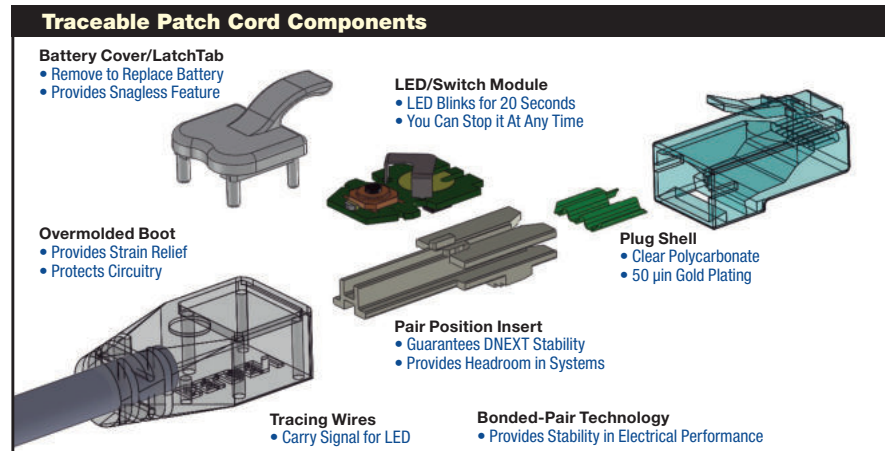
## CAT6+ Traceable Patch Cords

### Bonded-Pair

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

### Features

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



CAT6+ Traceable Patch Cord

### Category 6, CAT6+ Traceable Patch Cords

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

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

### Category 6, Tailored CAT6+ Traceable Patch Cords

| C6                   | T1                                                | 1                                                                               | 06                                                                                                                  | 007                                                                                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Performance</b>   | <b>Cable</b>                                      | <b>Termination</b>                                                              | <b>Colors</b>                                                                                                       | <b>Length</b>                                                                                                  |
| C6 Category 6, CAT6+ | T1 Traceable, UTP, Bonded-Pair, 24 AWG Solid, CMR | 1 T568A/B-T568A/B<br>4 Crossover T568A -T568B<br>5 Crossover IEEE<br>6 Rollover | 01 Brown<br>02 Red<br>03 Orange<br>04 Yellow<br>05 Green<br>06 Blue<br>07 Purple<br>08 Gray<br>09 White<br>00 Black | 12 TIA Red<br>13 TIA Orange<br>14 TIA Yellow<br>15 TIA Green<br>16 TIA Blue<br>17 TIA Purple                   |
|                      |                                                   |                                                                                 |                                                                                                                     | 001 1 ft (0.3 m)<br>002 2 ft (0.6 m)<br>003 3 ft (0.9 m)<br>004 4 ft (1.2 m)<br>005 5 ft (1.5 m)<br>XXX XXX ft |

### Notes:

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

### Example:

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

Faster.  
Easier.  
Better.



## CAT6+ Modular Pigtails

Nonbonded-Pair and Bonded-Pair

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

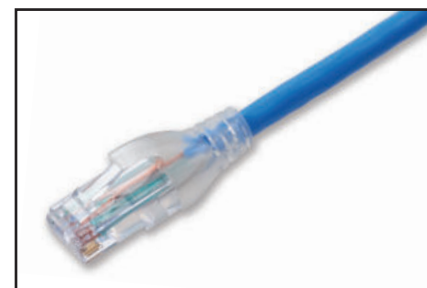
### Benefits

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

### Category 6, CAT6+ Modular Pigtails

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

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



CAT6+ Modular Pigtail (connector end)



CAT6+ Modular Pigtail

### Category 6, Tailored CAT6+ Modular Pigtails

|                             |
|-----------------------------|
| <b>C6</b>                   |
| <b>Performance</b>          |
| <b>C6</b> Category 6, CAT6+ |

|                                                  |
|--------------------------------------------------|
| <b>31</b>                                        |
| <b>Cable</b>                                     |
| <b>01</b> UTP, Bonded-Pair, 24 AWG Solid, CMR    |
| <b>02</b> UTP, Bonded-Pair, 24 AWG Solid, CMP    |
| <b>31</b> UTP, Nonbonded-Pair, 24 AWG Solid, CMR |
| <b>32</b> UTP, Nonbonded-Pair, 24 AWG Solid, CMP |

|                     |
|---------------------|
| <b>2</b>            |
| <b>Termination</b>  |
| <b>2</b> T568A-Open |
| <b>3</b> T568B-Open |

06

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

|                          |
|--------------------------|
| <b>007</b>               |
| <b>Length</b>            |
| <b>015</b> 15 ft (4.6 m) |
| <b>016</b> 16 ft (4.9 m) |
| <b>017</b> 17 ft (5.2 m) |
| <b>018</b> 18 ft (5.5 m) |
| <b>019</b> 19 ft (5.8 m) |
| <b>020</b> 20 ft (6.1 m) |
| <b>XXX</b> XXX ft        |

### Notes:

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

### Example:

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



## CAT6+ REVConnect Pre-Terminated Cabling System

### Couplers and Cable Assemblies



CAT6+ REVConnect Pre-Terminated Cable Assemblies



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

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

Proven modular components are the cornerstone of the system, including 3600 REVConnect Pre-Term Assemblies and CAT6+ REVConnect Couplers, Jacks and/or RJ45 Plugs. Bonded-Pair technology ensures that the cable assemblies

offer exceptional structural stability and unflinching electrical performance. The patented Dual-Flex design ensures controlled plug/jack mated connections on both sides of the coupler. This provides an uninterrupted electrical path for superior connector reliability and transmission performance.

### Category 6, CAT6+ REVConnect Preloaded Patch Panels

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

### Category 6, CAT6+ REVConnect Pre-Terminated Assemblies

|             |                                             |              |          |                         |                        |                   |             |                  |                  |
|-------------|---------------------------------------------|--------------|----------|-------------------------|------------------------|-------------------|-------------|------------------|------------------|
| C           | B                                           | 06           | 6        | U                       | C                      | T                 | R           | B                | 006              |
| Bundle Type |                                             | # of Cables  | Category | Unshielded/<br>Shielded | Termination Type       | Wiring Scheme     | Fire Rating | Colors           | Length           |
| B           | Braided Sleeve                              | 01 1 Cable   | 6 Cat6   | U FTP (F/UTP)           | C RC Core to Core      | T T568A/B–T568A/B | R Riser     | B Blue           | 006 6 ft (1.8 m) |
| N*          | No Sleeve,<br>Single Cable,<br>Core to Core | 06 6 Cables  | A Cat6A  |                         | 1 RC Core to RJ45 Plug | A T568A-OPEN      | P Plenum    | S Gray           | 007 7 ft (2.1 m) |
|             |                                             | 08 8 Cables  |          |                         | 3 RC Core to Open      | B T568B-OPEN      |             | W White          | 008 8 ft (2.4 m) |
|             |                                             | 12 12 Cables |          |                         |                        |                   | N Black     | 009 9 ft (2.7 m) |                  |
|             |                                             |              |          |                         |                        |                   |             | 010 10 ft (3 m)  | XXX XXX ft       |

#### Notes:

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

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

#### Example:

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

Faster.  
Easier.  
Better.



## CAT6+ Pre-Terminated Cabling System

### Patch Panels, Couplers and Cable Assemblies

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

Proven modular components are the cornerstone of the system, including 3600 Pre-Terminated Cable Assemblies and CAT6+ RJ45 Modular Couplers. These components rely on unique enabling technologies: Belden's Bonded-Pair technologies ensure that cable assemblies boast exceptional structural stability and unflinching

electrical performance while the patented plug management bar design allows for excellent control of internal plug NEXT and superior plug/jack mated-pair performance.

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



CAT6+ KeyConnect Pre-Terminated Patch Panels (Preloaded)



CAT6+ RJ45 Coupler



3600 Pre-Terminated Cable Assembly

### Category 6, CAT6+ Preloaded Coupler Patch Panels

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

Empty Patch Panels can be used when colored couplers are used

\*Mount in XZUK01 and XZUK02 brackets

### Category 6, CAT6+ KeyConnect RJ45 Couplers

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

Complete the 3600 Pre-Terminated System with CAT6+ Modular Patch Cords, see page 28 for ordering information.

### Category 6, CAT6+ Pre-Terminated Trunks

| C6          |                   | 01    |                                     | 1           |                 | 06     |       | 020    |              | A06         |          |
|-------------|-------------------|-------|-------------------------------------|-------------|-----------------|--------|-------|--------|--------------|-------------|----------|
| Performance |                   | Cable |                                     | Termination |                 | Colors |       | Length |              | # of Cables |          |
| C6          | Category 6, CAT6+ | 01    | UTP, Bonded-pair, 24 AWG Solid, CMR | 1           | T568A/B-T568A/B | 06     | Blue  | 006    | 6 ft (1.8 m) | A06         | 6 Cables |
|             |                   | 02    | UTP, Bonded-pair, 23 AWG Solid, CMP |             |                 | 08     | Gray  | 007    | 7 ft (2.1 m) | A08         | 8 Cables |
|             |                   |       |                                     |             |                 | 09     | White | 008    | 8 ft (2.4 m) |             |          |
|             |                   |       |                                     |             |                 | 00     | Black | 009    | 9 ft (2.7 m) |             |          |
|             |                   |       |                                     |             |                 |        |       | 010    | 10 ft (3 m)  |             |          |
|             |                   |       |                                     |             |                 |        |       | XXX    | XXX ft       |             |          |

#### Notes:

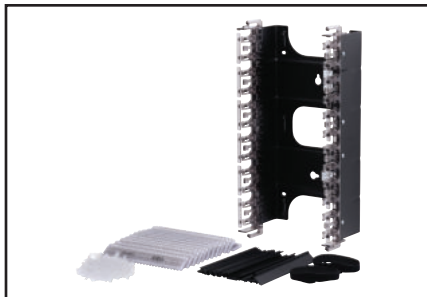
Use XXX to specify length in feet - 006-100 ft in increments of 1 ft, 105-295 ft in increments of 5 ft. If length is longer than 220 ft, 23 AWG cables are used.

#### Example:

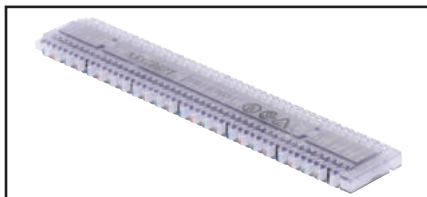
**C601106020A06** – CAT6+ Pre-Terminated Trunk (bundle of six cables), UTP, Bonded-Pair, 24 AWG Solid, CMR, T568A/B-T568A/B, Blue, 20 ft (2.1 m)

## CAT6+ GigaBIX IDC System

### Kits, Components, Accessories and Patch Cords



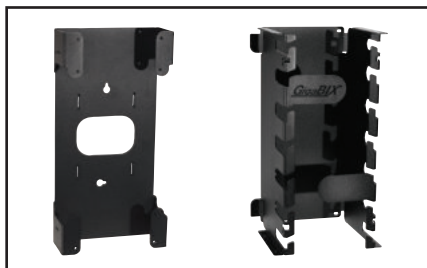
GigaBIX Termination Kit, 72-port



GigaBIX Connector, 6-port



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



GigaBIX Cable Management Module and Patch Cord Organizer

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

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

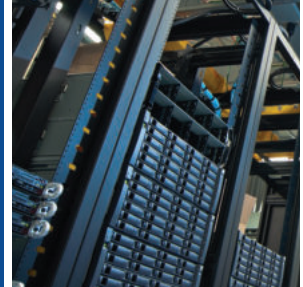
### Category 6, GigaBIX IDC System

| Description                                  | Belden Part Number |
|----------------------------------------------|--------------------|
| <b>GigaBIX Termination Kits</b>              |                    |
| GigaBIX Termination Kit, 72-port             | AX101470           |
| GigaBIX Termination Kit, 300-pair            | AX101471           |
| GigaBIX Rack Mount Termination Kit, 48-port  | AX101985           |
| <b>GigaBIX Connecting Components</b>         |                    |
| GigaBIX Connector, 6-port                    | AX101447           |
| GigaBIX Connector, 25-pair                   | AX101448           |
| GigaBIX Mount, 12-connector                  | AX101472           |
| GigaBIX Rack Mount Panel, 48-port, 3U, Empty | AX101986           |
| GigaBIX Wire Guard                           | AX101486           |
| GigaBIX Designation Strip                    | AX101483           |
| GigaBIX Termination Bar                      | AX101719           |
| <b>GigaBIX Cable Management Accessories</b>  |                    |
| GigaBIX Cable Management Module              | AX101469           |
| GigaBIX Patch Cord Organizer                 | AX101468           |
| GigaBIX Patch Cord Organizer, Cover          | AX101521           |
| GigaBIX Horizontal Channel Plate             | AX101520           |
| GigaBIX Management Ring                      | AX101478           |
| GigaBIX Management Ring Adapter              | AX102190           |
| GigaBIX/MediaFlex Adapter                    | AX101987           |
| GigaBIX/MediaFlex Designation Strip          | AX107277           |
| 10GX IDC Connecting Block Holder 6 positions | AX102677           |
| GigaBIX Color-Coded Clip, Red                | AX102151           |
| GigaBIX Color-Coded Clip, Yellow             | AX102152           |
| GigaBIX Color-Coded Clip, Green              | AX102153           |
| GigaBIX Color-Coded Clip, Blue               | AX102154           |
| GigaBIX Color-Coded Clip, Gray               | AX102146           |
| GigaBIX Color-Coded Clip, White              | AX102148           |
| GigaBIX Color-Coded Clip, Black              | AX102149           |
| <b>GigaBIX Frames and Accessories</b>        |                    |
| GigaBIX Frame, 1152 ports/4800 pairs         | AX102073           |
| GigaBIX Deep Frame, 1152 ports/4800 pairs    | AX104474           |
| GigaBIX Frame End Kit                        | AX102082           |
| GigaBIX Frame Overhead Kit                   | AX102145           |
| <b>Cross-Connect Wire</b>                    |                    |
| GigaBIX 4-pair XC Wire, Spool-in-a-Box       | XCGB4 000A1000     |
| GigaBIX 4-pair XC Wire, Reel                 | XCGB4 000I000      |

### Category 6, CAT6+ GigaBIX Patch Cords

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

Faster.  
Easier.  
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## Category 6, 2400 Shielded Cables

### Nonbonded-Pair

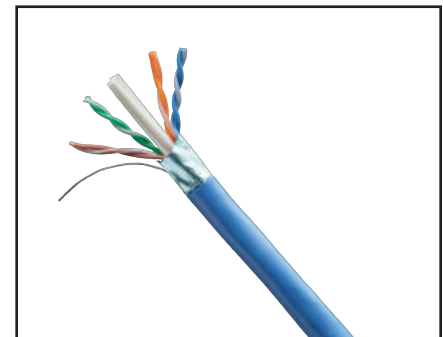
2400 Shielded Cable consists of 4-pair F/UTP cables that exceed Category 6 ANSI/TIA/568-C.2 requirements. When used as the horizontal cable in the 2400 Shielded System, the channel provides at least 250 MHz of bandwidth. 2400 F/UTP shielded cable has a thick, 100% coverage foil shield. This shield protects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



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)



2400 Shielded Cable

### Category 6, 2400 Shielded Cables

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

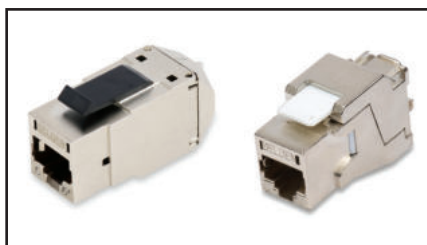


## CAT6+ Shielded System

### Patch Panels, Jacks and Patch Cords



CAT6+ Shielded Modular Patch Panel (Empty)



CAT6+ Shielded REVConnect and KeyConnect Modular Jacks



CAT6+ Shielded Modular Patch Cords

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

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

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

### Category 6, CAT6+ Shielded Modular Patch Panels

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

### Category 6, CAT6+ Shielded Modular Jacks

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

Color-coded icons and other accessories are available on page 62 and 63.

### Category 6, CAT6+ Shielded Modular Patch Cords

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

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

### Category 6, Tailored CAT6+ Shielded Modular Patch Cords

| Performance                 | Cable                                                 |
|-----------------------------|-------------------------------------------------------|
| <b>C6</b> Category 6, CAT6+ | <b>F1</b> Shielded, Nonbonded-Pair, 24 AWG Solid, CMR |

| Termination                    |
|--------------------------------|
| <b>1</b> T568A/B-T568A/B       |
| <b>4</b> Crossover T568A-T568B |
| <b>5</b> Crossover IEEE        |
| <b>6</b> Rollover              |

| Colors           |
|------------------|
| <b>02</b> Red    |
| <b>04</b> Yellow |
| <b>05</b> Green  |
| <b>06</b> Blue   |
| <b>08</b> Gray   |
| <b>09</b> White  |
| <b>00</b> Black  |

| Length                  |
|-------------------------|
| <b>001</b> 1 ft (0.3 m) |
| <b>002</b> 2 ft (0.6 m) |
| <b>003</b> 3 ft (0.9 m) |
| <b>004</b> 4 ft (1.2 m) |
| <b>005</b> 5 ft (1.5 m) |
| <b>XXX</b> XXX ft       |

#### Notes:

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

#### Example:

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

Faster.  
Easier.  
Better.



## Category 6, CAT6+ Shielded System (continued)

### Pigtails

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

#### Benefits

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



CAT6+ Shielded Modular Pigtail (connector end)

### Category 6, CAT6+ Shielded Modular Pigtails

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

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

### Category 6, Tailored CAT6+ Shielded Pigtails

| C6                   | F1                                            | 2                            | 06                                                                            | 030                                                                                                                                      |
|----------------------|-----------------------------------------------|------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Performance          | Cable                                         | Termination                  | Colors                                                                        | Length                                                                                                                                   |
| C6 Category 6, CAT6+ | F1 Shielded Nonbonded-Pair, 24 AWG Solid, CMR | 2 T568A-Open<br>3 T568B-Open | 02 Red<br>04 Yellow<br>05 Green<br>06 Blue<br>08 Gray<br>09 White<br>00 Black | 015 15 ft (4.6 m)<br>016 16 ft (4.9 m)<br>017 17 ft (5.2 m)<br>018 18 ft (5.5 m)<br>019 19 ft (5.8 m)<br>020 20 ft (6.1 m)<br>XXX XXX ft |

#### Notes:

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

#### Example:

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



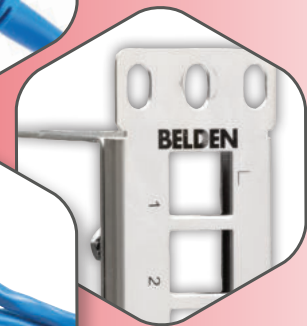
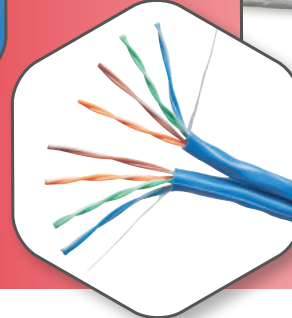
## SECTION THREE

# Category 5e REVConnect Systems

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

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

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

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

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

Faster.  
Easier.  
Better.



## 1200 Cables

### Nonbonded-Pair, Bonded-Pair

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

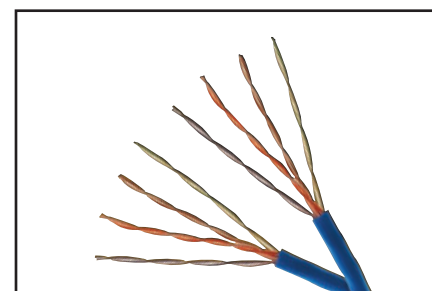
1200 Banana Peel® Enhanced Category 5e Cable is a patented design that effectively bundles six 1200 Bonded-Pair Category 5e Cables to a center spline, eliminating the need for an overall

jacket. The elimination of the outer jacket means simpler termination by peeling the cables directly off the spline, as well as a decrease in size and relative bend radius.

Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)



1200 UTP Cable

### Category 5e, DataTwist 1200 Cables

| Description                                         |                 | Belden Part Number |              |                     |               |
|-----------------------------------------------------|-----------------|--------------------|--------------|---------------------|---------------|
|                                                     |                 | Nonbonded-Pair     |              | Bonded-Pair (DT350) |               |
| Color                                               | Length          | UnReel Box         | Spool        | UnReel Box          | Spool         |
| <b>1200 Cables, UTP, 4-pair, 24 AWG, Plenum-CMP</b> |                 |                    |              |                     |               |
| Red                                                 | 1000 ft (305 m) | Available          | Available    | 1701A 002U1000      | 1701A 002I000 |
| Orange                                              | 1000 ft (305 m) | 1213 003U1000      | Available    | 1701A 003U1000      | 1701A 003I000 |
| Yellow                                              | 1000 ft (305 m) | 1213 004U1000      | Available    | 1701A 004U1000      | 1701A 004I000 |
| Green                                               | 1000 ft (305 m) | 1213 005U1000      | Available    | 1701A 005U1000      | 1701A 005I000 |
| Blue                                                | 1000 ft (305 m) | 1213 D15U1000      | 1213 D15I000 | 1701A D15U1000      | 1701A D15I000 |
| Purple                                              | 1000 ft (305 m) | 1213 007U1000      | Available    | 1701A B02U1000      | 1701A B02I000 |
| Gray                                                | 1000 ft (305 m) | 1213 008U1000      | Available    | 1701A 008U1000      | Available     |
| White                                               | 1000 ft (305 m) | 1213 009U1000      | 1213 009I000 | 1701A 009U1000      | 1701A 009I000 |
| Black                                               | 1000 ft (305 m) | 1213 010U1000      | Available    | 1701A 010U1000      | 1701A 010I000 |
| Pink                                                | 1000 ft (305 m) | 1213 012U1000      | Available    | Available           | Available     |
| Natural                                             | 1000 ft (305 m) | Available          | Available    | 1701A 877U1000      | 1701A 877I000 |
| Blue                                                | 2500 ft (762 m) | Available          | 1213 D152500 | Available           | Available     |
| White                                               | 2500 ft (762 m) | Available          | 1213 0092500 | Available           | Available     |
| <b>1200 Cables, UTP, 4-pair, 24 AWG, Riser-CMR</b>  |                 |                    |              |                     |               |
| Red                                                 | 1000 ft (305 m) | Available          | Available    | 1700A 002U1000      | 1700A 002I000 |
| Orange                                              | 1000 ft (305 m) | 1212 003U1000      | Available    | 1700A 003U1000      | 1700A 003I000 |
| Yellow                                              | 1000 ft (305 m) | 1212 004U1000      | Available    | 1700A 004U1000      | 1700A 004I000 |
| Green                                               | 1000 ft (305 m) | 1212 005U1000      | Available    | 1700A 005U1000      | 1700A 005I000 |
| Blue                                                | 1000 ft (305 m) | 1212 006U1000      | 1212 006I000 | 1700A 006U1000      | 1700A 006I000 |
| Purple                                              | 1000 ft (305 m) | Available          | Available    | 1700A B02U1000      | 1700A B02I000 |
| Lt. Gray                                            | 1000 ft (305 m) | Available          | Available    | 1700A F2VU1000      | 1700A F2V1000 |
| Gray                                                | 1000 ft (305 m) | 1212 008U1000      | Available    | 1700A 008U1000      | Available     |
| White                                               | 1000 ft (305 m) | 1212 009U1000      | 1212 009I000 | 1700A 009U1000      | 1700A 009I000 |
| Black                                               | 1000 ft (305 m) | 1212 010U1000      | Available    | 1700A 010U1000      | 1700A 010I000 |
| Blue                                                | 2500 ft (762 m) | Available          | 1212 0062500 | Available           | Available     |
| <b>1200 Cables, UTP, 4-pair, 24 AWG, LSZH</b>       |                 |                    |              |                     |               |
| Purple                                              | 1000 ft (305 m) | 1224 007U1000      | Available    | Available           | Available     |

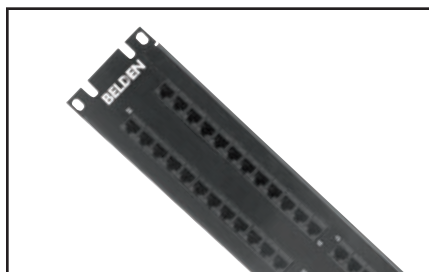
### Enhanced Category 5e, 1200 Banana Peel Cables

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

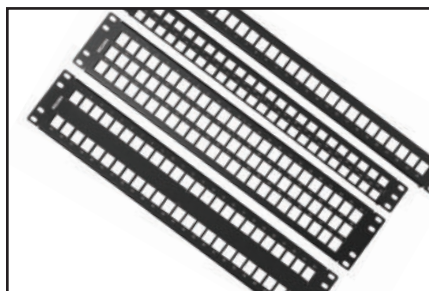




REVConnect Preloaded Patch Panels (10GX shown)



CAT5E HD Patch Panels



KeyConnect Patch Panels (Empty)



KeyConnect AngleFlex Patch Panels

## CAT5E Patch Panels

### Preloaded and Modular

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

#### Benefits

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

#### Features

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

For color icons and dust covers please see page 62.

### Category 5e, CAT5E Preloaded Patch Panels

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

### Modular Patch Panels (Empty)

| Description                                               | Belden Part Number |              |
|-----------------------------------------------------------|--------------------|--------------|
|                                                           | White              | Black        |
| <b>REVConnect Modular Patch Panels (Empty)</b>            |                    |              |
| REVConnect Modular Patch Panel 24-port, 1U (Empty)        | RVMPFF1U24BK       | RVMPFF1U24WH |
| REVConnect Modular Patch Panel 48-port, 2U (Empty)        | RVMPFF2U48BK       | RVMPFF2U48WH |
| REVConnect Angled Modular Patch Panel 24-port, 1U (Empty) | RVMPFA1U24BK       | RVMPFA1U24WH |
| REVConnect Angled Modular Patch Panel 48-port, 2U (Empty) | RVMPFA2U48BK       | RVMPFA2U48WH |
| <b>KeyConnect Modular Patch Panels (Empty)</b>            |                    |              |
|                                                           |                    | Black        |
| KeyConnect Patch Panel, 24-port, 1U (Empty)               | —                  | AX103114     |
| KeyConnect Patch Panel, 48-port, 2U (Empty)               | —                  | AX103115     |
| KeyConnect Patch Panel, 72-port, 2U (Empty)               | —                  | AX103116     |
| KeyConnect Patch Panel, 48-port, 1U (Empty)               | —                  | AX103121     |
| KeyConnect Angled Patch Panel, 24-port, 1U (Empty)        | —                  | AX104599     |
| KeyConnect Angled Patch Panel, 48-port, 2U (Empty)        | —                  | AX104601     |
| KeyConnect Angled Patch Panel, 48-port, 1U (Empty)        | —                  | AX104600     |
| KeyConnect AngleFlex Patch Panel, 24-port, 1U (Empty)     | —                  | AX103248     |
| KeyConnect AngleFlex Patch Panel, 48-port, 2U (Empty)     | —                  | AX103249     |

### Front Access Patch Panels and Accessories

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

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## Category 5e, Patch Panels and Boxes

### Modular and HD

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

CAT5E HD Patch Boxes are available in BIX and 110 configurations, and hold one 12-port universal connector module in a compact and robust metal enclosure. The patch box features

a hinged cover and support brackets to secure cables and maintain patch cord bend radius.

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

### Modular Patch Panels MDVO Style

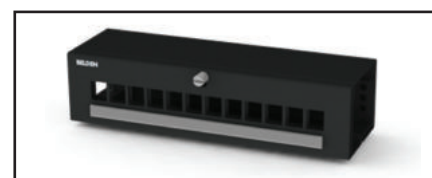
| Description                                  | Belden Part Number |
|----------------------------------------------|--------------------|
| <b>Flex Patch Panels (Empty)</b>             |                    |
| Flex Patch Panel, 24-port, 1U, Black (Empty) | AX101456           |
| Flex Patch Panel, 48-port,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

### Modular Patch Boxes, Replacement Modules and Accessories

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



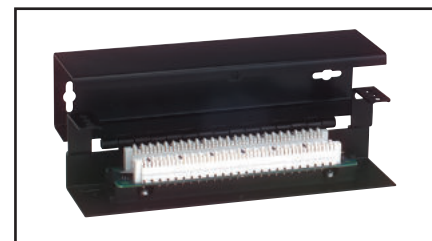
Flex Patch Panel, 24-port, 1U, Black (Empty)



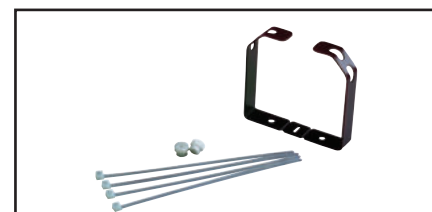
KeyConnect Patch Box



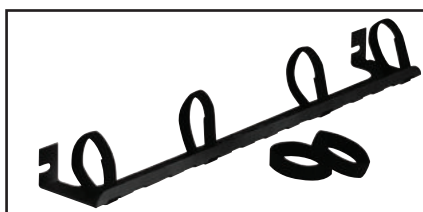
MDVO Patch Box



HD Patch Box, Open



Rear Cable Bracket Kit for HD-series Patch Panels



Patch Cord/Cable Support Bracket



Cable Tie Bar for cable management (rack mounting)

## CAT5E Connectors, Tools and Accessories

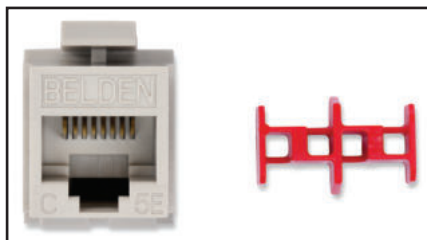
REVConnect, KeyConnect and MDVO



REVConnect Jack Housings available in 19 colors



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



KeyConnect CAT5E Jack and T-Bar

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

### Benefits

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

### Features

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

### Category 5e, CAT5E Modular Jacks

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

\*MDVO jack is white. Color-coded icons and other accessories are available on page 62 and 63.

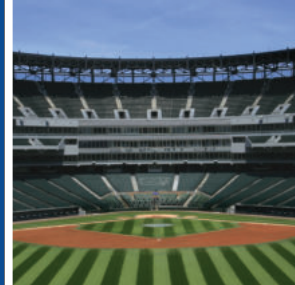
### REVConnect Tools and Accessories

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

### KeyConnect/MDVO Replacement T-Bars

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

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## CAT5E EZ-MDVO Modular Jacks

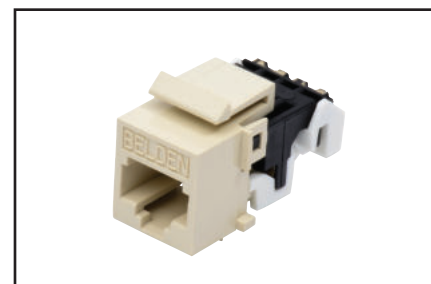
### KeyConnect and MDVO

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

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



CAT5E EZ-MDVO Modular Jack, MDVO



CAT5E EZ-MDVO Modular Jack, MDVO

### Category 5e, CAT5E Modular Jacks

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

Color-coded icons and other accessories are available on page 62.

## CAT5E Modular Patch Cords

### Bonded-Pair



CAT5E Modular Patch Cords

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

### Features

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

### Category 5e, CAT5E Modular Patch Cords

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

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

### Category 5e, Tailored CAT5E Modular Patch Cords

| Performance |                    | Cable |                                     | Termination |                       | Colors |        | Length |              |
|-------------|--------------------|-------|-------------------------------------|-------------|-----------------------|--------|--------|--------|--------------|
| C5          | Category 5e, CAT5E | 01    | UTP, Bonded-Pair, 24 AWG Solid, CMR | 1           | T568A/B-T568A/B       | 01     | Brown  | 001    | 1 ft (0.3 m) |
|             |                    | 02    | UTP, Bonded-Pair, 24 AWG Solid, CMP | 4           | Crossover T568A-T568B | 02     | Red    | 002    | 2 ft (0.6 m) |
|             |                    |       |                                     | 5           | Crossover IEEE        | 03     | Orange | 003    | 3 ft (0.9 m) |
|             |                    |       |                                     | 6           | Rollover              | 04     | Yellow | 004    | 4 ft (1.2 m) |
|             |                    |       |                                     |             |                       | 05     | Green  | 005    | 5 ft (1.5 m) |
|             |                    |       |                                     |             |                       | 06     | Blue   | XXX    | XXX ft       |
|             |                    |       |                                     |             |                       | 07     | Purple |        |              |
|             |                    |       |                                     |             |                       | 08     | Gray   |        |              |
|             |                    |       |                                     |             |                       | 09     | White  |        |              |
|             |                    |       |                                     |             |                       | 00     | Black  |        |              |

### Notes:

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

### Example:

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



Faster.  
Easier.  
Better.



## CAT5E Modular Pigtails

### Nonbonded-Pair and Bonded-Pair

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

#### Benefits

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

#### Category 5e, CAT5E Modular Pigtails

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

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

#### Category 5e, Tailored CAT5E Modular Pigtails

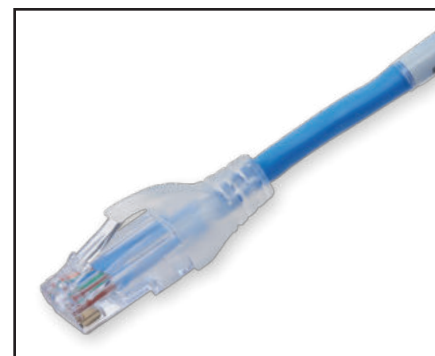
| C5                    | 31                                       | 2                  | 06            | 007               |
|-----------------------|------------------------------------------|--------------------|---------------|-------------------|
| <b>Performance</b>    | <b>Cable</b>                             | <b>Termination</b> | <b>Colors</b> | <b>Length</b>     |
| C5 Category 5e, CAT5E | 01 UTP Bonded-Pair, 24 AWG Solid, CMR    | 2 T568A-Open       | 01 Brown      | 015 15 ft (4.6 m) |
|                       | 02 UTP Bonded-Pair, 24 AWG Solid, CMP    | 3 T568B-Open       | 02 Red        | 016 16 ft (4.9 m) |
|                       | 31 UTP Nonbonded-Pair, 24 AWG Solid, CMR |                    | 03 Orange     | 017 17 ft (5.2 m) |
|                       | 32 UTP Nonbonded-Pair, 24 AWG Solid, CMP |                    | 04 Yellow     | 018 18 ft (5.5 m) |
|                       |                                          |                    | 05 Green      | 019 19 ft (5.8 m) |
|                       |                                          |                    | 06 Blue       | 020 20 ft (6.1 m) |
|                       |                                          |                    | 07 Purple     | XXX XXX ft        |
|                       |                                          |                    | 08 Gray       |                   |
|                       |                                          |                    | 09 White      |                   |
|                       |                                          |                    | 00 Black      |                   |
|                       |                                          |                    | 12 TIA Red    |                   |
|                       |                                          |                    | 13 TIA Orange |                   |
|                       |                                          |                    | 14 TIA Yellow |                   |
|                       |                                          |                    | 15 TIA Green  |                   |
|                       |                                          |                    | 16 TIA Blue   |                   |
|                       |                                          |                    | 17 TIA Purple |                   |

#### Notes:

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

#### Example:

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



CAT5E Modular Pigtail (connector end)



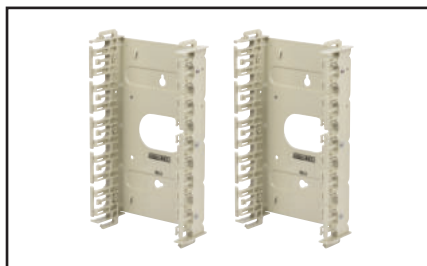
CAT5E Modular Pigtail

## BIX Cross-Connect System

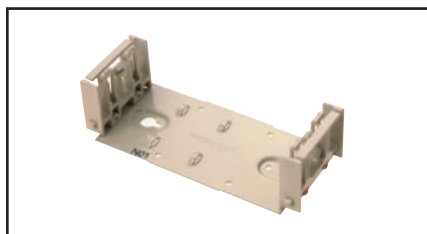
### Components, Patch Cords, Wires and Accessories



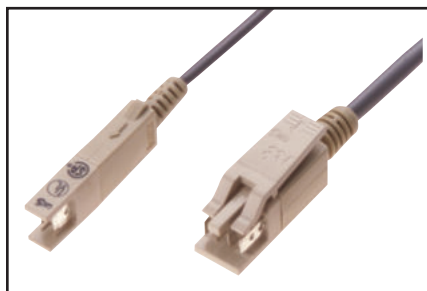
Distribution Connector



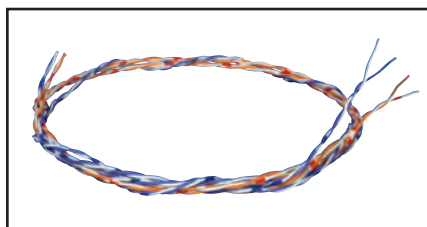
BIX Mount, 300-pair



BIX Mount, 50-pair



BIX Patch Cord, 1-Pair and 2-Pair



B-Plus Cross-Connect Wire

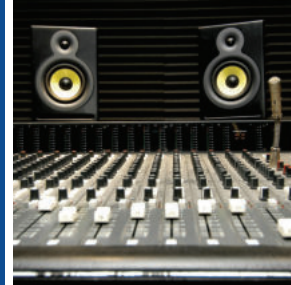
The Belden BIX Cross-Connect System takes advantage of the proven reliability of BIX technology to provide high-performance connections for voice and data networks. This uniquely designed system allows for very high termination density while maintaining ease of administration to accommodate MACs.

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

### BIX Cross-Connect System

| Description                                                                                      |  | Belden Part Number       |
|--------------------------------------------------------------------------------------------------|--|--------------------------|
| BIX Connectors                                                                                   |  |                          |
| BIX Distribution Connector, 5-pair Marking                                                       |  | A0266828                 |
| BIX Distribution Connector, 4-pair Marking                                                       |  | A0393146                 |
| BIX Multiplying Connector, QCBIX2A, 25-pair, 12x2-pair                                           |  | A0269923                 |
| BIX Multiplying Connector, QCBIX5A, 25-pair, 5x5-pair                                            |  | A0266827                 |
| BIX Multiplying Connector, QCBIX7A, 25-pair, 2x2-pair and 3x7-pair                               |  | A0269925                 |
| BIX Modular Jack Connector, NXXCBMC6U, 6-port, Category 5e, T568A/B Coded                        |  | AX100798                 |
| BIX Modular Jack Connector, QCBIX36D, 6-port, USOC, 8-pin                                        |  | A0341173                 |
| BIX Modular Jack Connector, QCBIX36C, 8-port, USOC, 6-pin                                        |  | A0330864                 |
| BIX Modular Jack Connector, QCBIX36B, 12-port, USOC, 4-pin                                       |  | A0330863                 |
| BIX Mounts and Accessories                                                                       |  |                          |
| BIX Mount, QMBIX12E, 300-pair                                                                    |  | A0340836                 |
| BIX Mount, QMBIX10A, 250-pair                                                                    |  | A0270164                 |
| BIX Mount, 50-pair                                                                               |  | A0284798                 |
| BIX Mount with Locking Cover, 50-pair                                                            |  | A0277853                 |
| BIX Mount with Snap-on Cover, 50-pair                                                            |  | A0277854                 |
| BIX Locking Cover, for QMBIX12E, 300-pair                                                        |  | A0340838                 |
| BIX Locking Cover, for QMBIX10A, 250-pair                                                        |  | A0285986                 |
| BIX Cover, QMBIX10A, Stand-alone Installation, locking                                           |  | A0276396                 |
| BIX Cover, QMBIX10A, Stand-alone Installation, non-locking                                       |  | A0276394                 |
| BIX Distribution Ring                                                                            |  | A0270168                 |
| BIX Designation Strip, White                                                                     |  | A0270169                 |
| BIX Patch Cords                                                                                  |  | 1-Pair2 Pair             |
| 4 ft (1.2 m)                                                                                     |  | A0410469A0410494         |
| 7 ft (2.1 m)                                                                                     |  | A0410471A0410495         |
| 10 ft (3.0 m)                                                                                    |  | A0410473A0410496         |
| 15 ft (4.6 m)                                                                                    |  | A0410475A0410497         |
| 25 ft (7.6 m)                                                                                    |  | A0410493—                |
| For 4-pair connections, please see the GigaBIX Patch Cord section (Modular Patch Cords page 34). |  |                          |
| CAT5E GigaBIX Patch Cords, Gray                                                                  |  | BIX-BIXBIX-MABIX-MB      |
| 4 ft (1.2 m)                                                                                     |  | AX101963AX101969AX101975 |
| 6 ft (1.8 m)                                                                                     |  | AX101964AX101970AX101976 |
| 8 ft (2.4 m)                                                                                     |  | AX101965AX101971AX101977 |
| 10 ft (3.0 m)                                                                                    |  | AX101966AX101972AX101978 |
| 15 ft (4.6 m)                                                                                    |  | AX101967AX101973AX101979 |
| 25 ft (7.6 m)                                                                                    |  | AX101968AX101974AX101980 |
| BIX Cross-Connect Wire                                                                           |  |                          |
| 1-pair, Wh/Bl, 1000 ft (305 m), K-Carton                                                         |  | XCB1 D87K1000            |
| 1-pair, Wh/Bl, 1000 ft (305 m), Spool (S77)                                                      |  | XCB1 D871000             |
| 1-pair, Z XC Wire, Bl/Ye, 1000 ft (305 m)                                                        |  | XCZ1 E031000             |
| 1-pair, Z XC Wire, Bl/Rd, 1000 ft (305 m)                                                        |  | XCZ1 D921000             |
| 2-pair, Wh/Bl/Wh/Or, 1000 ft (305 m), K-Carton                                                   |  | XCB2 042K1000            |
| 2-pair, Wh/Gr/Wh/Or, 1000 ft (305 m), K-Carton                                                   |  | XCB2 A5RK1000            |
| 4-pair, Wh/Bl/Wh/Or/Wh/Gr/Wh/Br, 152 m (500 ft), K-Carton                                        |  | XCB4 000K500             |
| BIX Tools and Accessories                                                                        |  |                          |
| BIX Connecting Tool                                                                              |  | A0270165                 |
| BIX Tool Pouch                                                                                   |  | C0054642                 |
| BIX Test Probe, 1-pair                                                                           |  | A0270166                 |
| BIX Special Service Guard, 1-pair, Red                                                           |  | A0270172                 |
| BIX Bridging Clip, 1-pair, Gray                                                                  |  | A0325091                 |
| BIX Rack Bracket Kit 19 in                                                                       |  | A0352331                 |

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## 110 Cross-Connect System

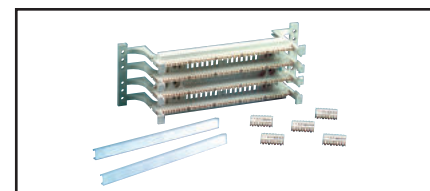
### Kits, Components, Patch Cords, Wires and Accessories

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

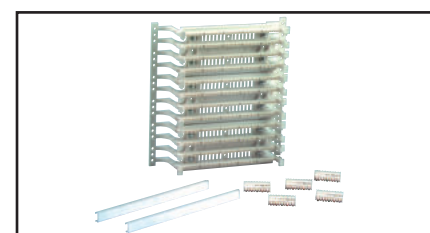
while maintaining ease of administration to accommodate MACs. The system allows for multiple mounting options of 4-pair and 5-pair connecting blocks used in voice and data distribution systems.

### 110 Cross-Connect System

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



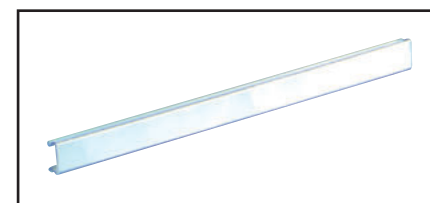
110 Cross-Connect Kit, 100-pair



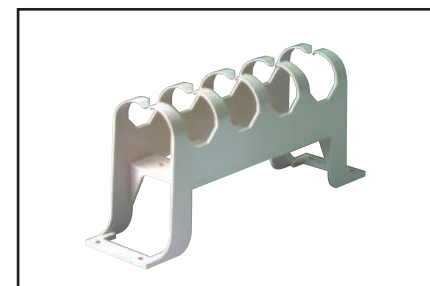
110 Cross-Connect Kit, 300-pair



110 Patch Cords, 110-110



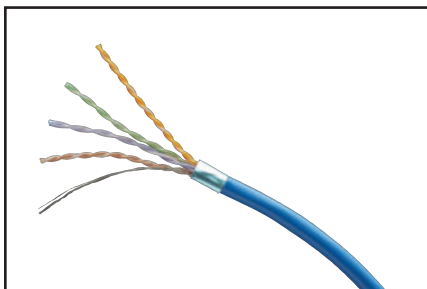
110 Designation Strips



Cable Management Trough with Legs

## 1200 Shielded Cables

### Nonbonded-Pair



1200 Shielded Cable

1200 Shielded Cable consists of 4-pair F/UTP cables that exceed Category 5e ANSI/TIA/EIA-568-C.2 requirements. When used as the horizontal cable in the Belden REVConnect1200 Shielded System, the channel provides 160 MHz of bandwidth. 1200 F/UTP shielded cable has a thick, 100% coverage foil shield. This shield protects your system from harsh EMI environments, improving your data throughput.



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)

### Category 5e, 1200 Shielded Cables

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

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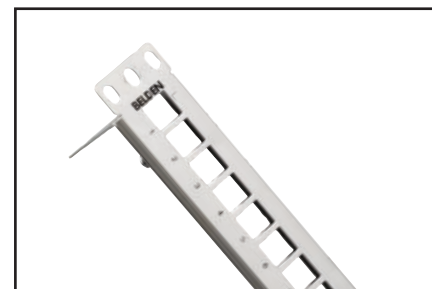
## CAT5E Shielded System

### Patch Panels, Jacks and Patch Cords

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

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

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



Shielded Modular Patch Panel (Empty)

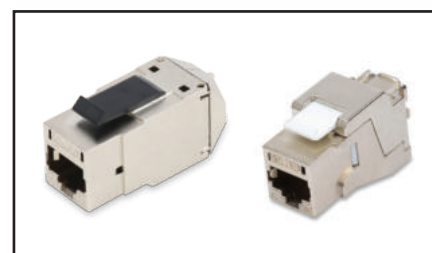
#### KeyConnect Shielded Modular Patch Panels

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

#### Category 5e, CAT5E Shielded Modular Jacks

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

Color-coded icons and other accessories are available on page 62 and 63.



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

#### Category 5e, CAT5E Shielded Modular Patch Cords

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

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



CAT5E Shielded Modular Patch Cords

#### Category 5e, Tailored CAT5E Shielded Modular Patch Cords

|                              |
|------------------------------|
| <b>C5</b>                    |
| <b>Performance</b>           |
| <b>C5</b> Category 5e, CAT5E |

|                                                       |
|-------------------------------------------------------|
| <b>F1</b>                                             |
| <b>Cable</b>                                          |
| <b>F1</b> Shielded, Nonbonded-Pair, 24 AWG Solid, CMR |

|                                 |
|---------------------------------|
| <b>1</b>                        |
| <b>Termination</b>              |
| <b>1</b> T568A/B-T568A/B        |
| <b>4</b> Crossover T568A -T568B |
| <b>5</b> Crossover IEEE         |
| <b>6</b> Rollover               |

|                  |
|------------------|
| <b>06</b>        |
| <b>Colors</b>    |
| <b>02</b> Red    |
| <b>04</b> Yellow |
| <b>05</b> Green  |
| <b>06</b> Blue   |
| <b>08</b> Gray   |
| <b>09</b> White  |
| <b>00</b> Black  |

|                         |
|-------------------------|
| <b>007</b>              |
| <b>Length</b>           |
| <b>001</b> 1 ft (0.3 m) |
| <b>002</b> 2 ft (0.6 m) |
| <b>003</b> 3 ft (0.9 m) |
| <b>004</b> 4 ft (1.2 m) |
| <b>005</b> 5 ft (1.5 m) |
| <b>XXX</b> XXX ft       |

#### Notes:

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

#### Example:

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



## CAT5E Shielded System (continued)

### Pigtails



CAT5E Shielded Modular Pigtail (connector end)

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

#### Benefits

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

### Category 5e, CAT5E Shielded Modular Pigtails

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

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

### Category 5e, Tailored CAT5E Shielded Modular Pigtails

| C5                    | F1                                            | 2                            | 06                                                                            | 030                                                                                                                                      |
|-----------------------|-----------------------------------------------|------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Performance           | Cable                                         | Termination                  | Colors                                                                        | Length                                                                                                                                   |
| C5 Category 5e, CAT5E | F1 Shielded Nonbonded-Pair, 24 AWG Solid, CMR | 2 T568A-Open<br>3 T568B-Open | 02 Red<br>04 Yellow<br>05 Green<br>06 Blue<br>08 Gray<br>09 White<br>00 Black | 015 15 ft (4.6 m)<br>016 16 ft (4.9 m)<br>017 17 ft (5.2 m)<br>018 18 ft (5.5 m)<br>019 19 ft (5.8 m)<br>020 20 ft (6.1 m)<br>XXX XXX ft |

#### Notes:

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

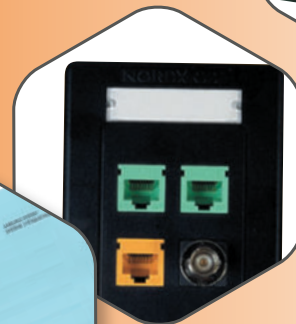
#### Example:

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

## SECTION FOUR

### Workstation Outlets

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

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

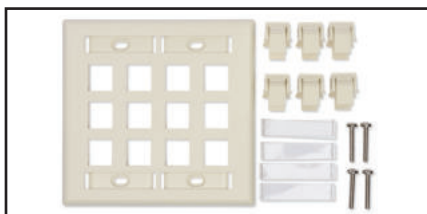
**MediaFlex Series** includes a full line of modular faceplates, adapter boxes and inserts that offer the ultimate flexibility in configuring multimedia workstation outlets. They feature a front access design that allows inserts to be easily snapped in and out of openings for fast installation and upgrades.

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

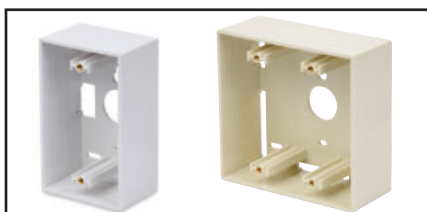
**The LabelFlex Solution** simplifies network management by enabling installers to quickly produce application-specific labels for most Belden products, including Modular Jack Connectors, Cross-Connect Systems, Patch Panels, KeyConnect series, MediaFlex series and cable applications.



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



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



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



AX104126, Recessed Port  
AX102005, Flush Jack



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

## Workstation Outlets

### KeyConnect Stainless Steel and Tamper-Resistant Faceplates

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

Belden offers two Tamper-Resistant Faceplates for various applications:

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

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

### Features and Benefits

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

### KeyConnect Faceplates

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

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

### KeyConnect Stainless Steel Faceplates

| Description                                  | Belden Part Number |                   |
|----------------------------------------------|--------------------|-------------------|
|                                              | With ID Window     | Without ID Window |
| <b>KeyConnect Stainless Steel Faceplates</b> |                    |                   |
| 1-port, Single-gang                          | AX104230           | AX102006          |
| 2-port, Single-gang                          | AX104231           | AX102007          |
| 4-port, Single-gang                          | AX104232           | AX102009          |
| 6-port, Single-gang                          | AX104233           | AX102010          |
| 4-port, Double-gang                          | AX104479           | —                 |
| 6-port, Double-gang                          | AX104480           | —                 |
| 12-port, Double-gang                         | AX104234           | AX102013          |

### KeyConnect Wall Mount Phone Plates

|                                         |          |
|-----------------------------------------|----------|
| Stainless Steel, Recessed Port          | AX104126 |
| Stainless Steel, Flush Port             | AX102005 |
| Electrical White Plastic, Recessed Port | AX102902 |

### KeyConnect Tamper-Resistant Faceplates

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

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## Workstation Outlets (continued)

### KeyConnect Adapters, Boxes and Media Boxes

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

#### Features and Benefits

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

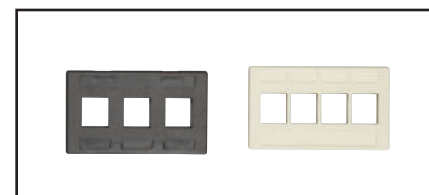
#### KeyConnect Adapters and Boxes

| Description                                                     | Belden Part Number |          |             |             |             |
|-----------------------------------------------------------------|--------------------|----------|-------------|-------------|-------------|
|                                                                 | Dark Gray          | Gray     | Almond      | Elec. White | Black       |
| <b>KeyConnect Adapters</b>                                      |                    |          |             |             |             |
| Modular Furniture Adapter, 3-port                               | AX104457           | AX107029 | AX103925    | AX102291    | AX102292    |
| Modular Furniture Adapter, 4-port                               | AX104459           | AX107034 | AX103926    | AX102900    | AX102901    |
| Deco Adapter, Blank                                             | AX106572-GY        | —        | AX106572-AL | AX106572-EW | AX106572-BK |
| Deco Adapter, 2-port                                            | AX106573-GY        | —        | AX106573-AL | AX106573-EW | AX106573-BK |
| Deco Adapter, 3-port                                            | AX106574-GY        | —        | AX106574-AL | AX106574-EW | AX106574-BK |
| Deco Adapter, 4-port                                            | AX106575-GY        | —        | AX106575-AL | AX106575-EW | AX106575-BK |
| Deco Adapter, 6-port                                            | AX106576-GY        | —        | AX106576-AL | AX106576-EW | AX106576-BK |
| 106 Adapter, 2-port                                             | AX104475           | —        | AX104120    | AX104121    | AX104122    |
| 106 Adapter, 4-port                                             | AX104476           | —        | AX104123    | AX104124    | AX104125    |
| <b>KeyConnect Side-Entry Boxes, with Shutter Door ID Window</b> |                    |          |             |             |             |
| 1-port (Compliant with UL2043 standard)                         | AX104458           | AX107030 | AX104132    | AX102651    | —           |
| 2-port (Compliant with UL2043 standard)                         | —                  | AX107031 | AX104133    | AX102652    | —           |
| 4-port (Compliant with UL2043 standard)                         | —                  | AX107032 | AX104134    | AX102653    | —           |
| 6-port (Compliant with UL2043 standard)                         | —                  | AX107033 | AX104135    | AX102654    | —           |
| <b>KeyConnect Side-Entry Boxes, without Shutter Door</b>        |                    |          |             |             |             |
| 1-port                                                          | AX105352-GS        | —        | AX105352-AL | AX105352-EW | AX105352-BK |
| 2-port                                                          | —                  | —        | AX105353-AL | AX105353-EW | AX105353-BK |
| 4-port                                                          | —                  | —        | AX105354-AL | AX105354-EW | AX105354-BK |
| 6-port                                                          | —                  | —        | AX105355-AL | AX105355-EW | AX105355-BK |

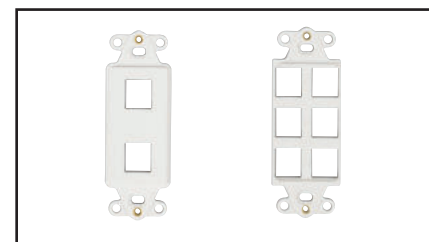
Contact customer service for other colors and configurations  
Blank Inserts included (50% of ports)

#### KeyConnect 6-port Media Boxes

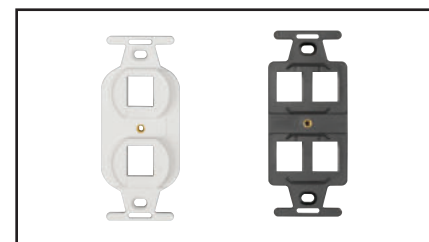
| Description                                                  | Color          | Belden Part Number |
|--------------------------------------------------------------|----------------|--------------------|
| KeyConnect 6-port Media Box (Compliant with UL2043 standard) | Black          | AX106512-BK 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



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



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



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



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



AX106512-BK, KeyConnect 6-port Media Box

## Workstation Outlets (continued)

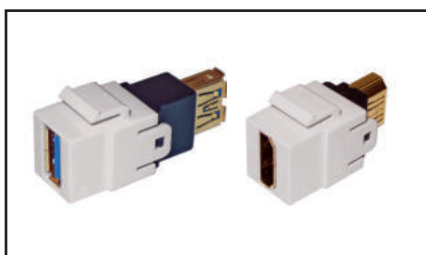
Multimedia Modules, Field-Crimpable Kits, REVConnect Plugs, Accessories



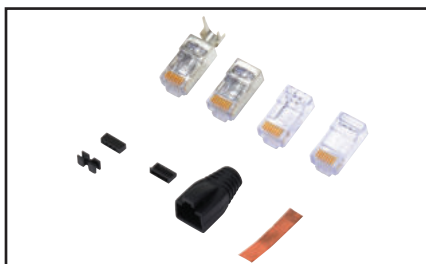
AX105334-EW, 3.5mm Audio Coupler  
AX105336-EW, S-video Coupler



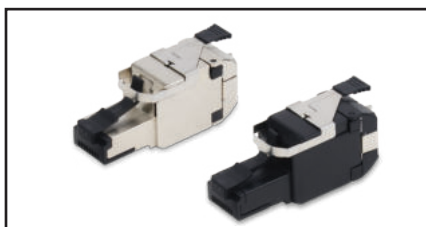
RCA Gold-plated Couplers - AX105341-EW, AX105340-EW,  
AX105339-EW, AX105337-EW, AX105338-EW



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



C6PFCU-B25, Field Crimpable Plugs



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

### KeyConnect Multimedia Modules

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

### RJ45 Field Crimpable Plug Kits and Accessories

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

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

### REVConnect Plugs and Accessories

| Description                                   | Part Number    |
|-----------------------------------------------|----------------|
| Mod.Plug Terminated Link (MPTL) Test Adapter  | AX104552       |
| 10GX STP REVConnect Plug                      | RVAFPSME-S1    |
| 10GX STP REVConnect Plug 24-pack              | RVAFPSME-B24   |
| 10GX UTP REVConnect Plug                      | RVAFPUBK-S1    |
| 10GX UTP REVConnect Plug 24-pack              | RVAFPUBK-B24   |
| Universal Termination Tool                    | RVUTT01        |
| Tool Blade Replacement Set                    | RVUTB01        |
| Tool Belt Clip                                | RVUTC01        |
| Replacement Cable Prep Tool                   | RVUCT01        |
| 10GX UTP REVConnect FlexPlug, Black           | RVAFFPUBK18-S1 |
| 10GX UTP REVConnect FlexPlug, Electric White  | RVAFFPUW18-S1  |
| CAT6+ UTP REVConnect FlexPlug, Black          | RV6FFPUBK18-S1 |
| CAT6+ UTP REVConnect FlexPlug, Electric White | RV6FFPUW18-S1  |

### REVConnect Spare Cores

|                                                          |             |
|----------------------------------------------------------|-------------|
| Replacement Caps and Cable Managers (50 of each in pack) | RVUCOEW-B50 |
|----------------------------------------------------------|-------------|



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## Workstation Outlets (continued)

### MediaFlex Faceplate Kits, Plates, Adapter Boxes

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

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

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

MediaFlex Plates can be mounted over standard NEMA-type outlet boxes and rings to provide support for a variety of MediaFlex Adapters and

Inserts. The fully modular construction, combined with the front access design, provides extensive configuration flexibility for current and future network needs. MediaFlex Plates are available in single-gang and double-gang configurations.

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

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

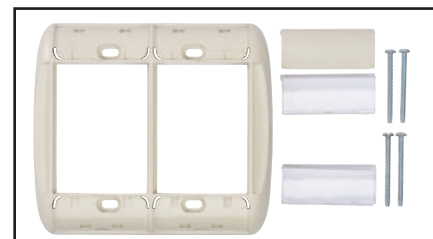
MediaFlex Surface Adapter Boxes can be mounted over standard NEMA-type outlet boxes and rings to provide support for the MediaFlex plates. The MediaFlex Surface Adapter Boxes are available as a double-gang configuration. The double-gang box allows more room for cable management and bend radius control.



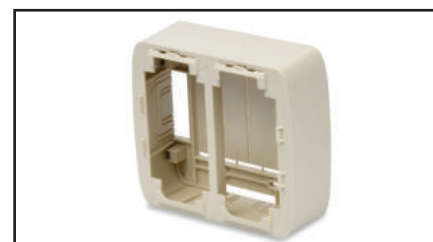
AX101779, MediaFlex Faceplate Kit, MDVO, 2 port



AX101785, MediaFlex Faceplate Kit, MDVO, 4 port



AX101870, MediaFlex Plate, Double-gang



AX101874, MediaFlex Adapter Box, Double-gang



AX101777, Labeling Window Cover for MediaFlex Plates

#### MediaFlex Faceplate Kits

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

Blank Inserts included (50% of ports)

#### MediaFlex Plates and Adapter Boxes

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

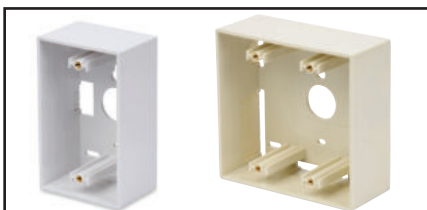
Contact customer service for other colors and configurations.



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



AX106674, MediaFlex Angled Edge Faceplate, Double-gang



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

## Workstation Outlets (continued)

### MediaFlex Angled Edge Faceplate Kits, Faceplates, Adapter Boxes

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

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

upgrades while multiple colors, single-gang and double-gang configurations and labeling capabilities meet work area aesthetics, density and identification needs.

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

#### MediaFlex Angled Edge Faceplate Kits

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

Blank Inserts included (50% of ports)

#### MediaFlex Angled Edge Faceplates

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

#### KeyConnect Surface Adapter Boxes

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

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## Workstation Outlets (continued)

### MediaFlex Inserts, Multimedia Inserts

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

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

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

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

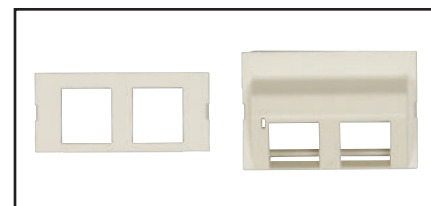
### MediaFlex Inserts

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

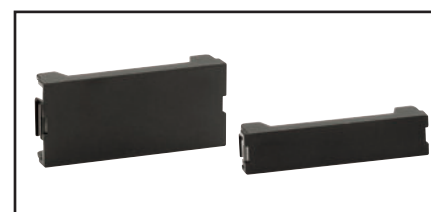
### MediaFlex Multimedia Inserts

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

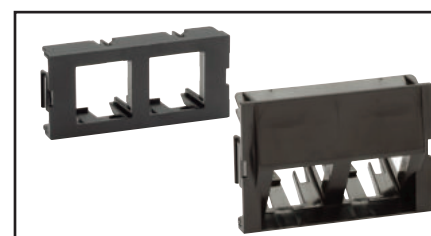
Contact customer service for other colors and configurations.



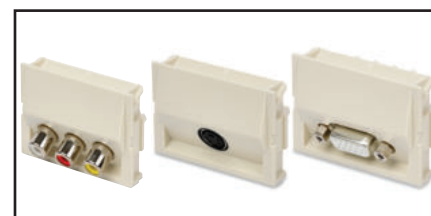
MediaFlex Inserts for KeyConnect Modules: AX102410, Flush, 2-port, Almond and AX102412, Angled, 2-port, Almond



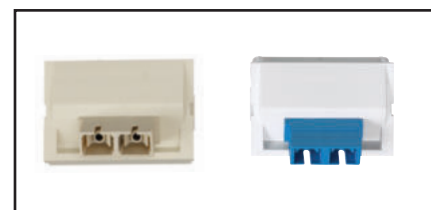
AX101764, MediaFlex Filler Insert, 2-unit  
AX101760, MediaFlex Filler Insert, 1-unit



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



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



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



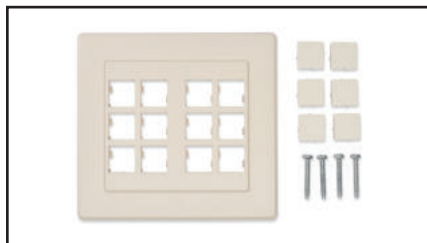
AX101431, Interface Plate, 2-port, shown here with modules



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



A0405257, MDVO Faceplate, 1-port



A0620807, MDVO Faceplate, 12-port



A0645267, MDVO Angled Entry Faceplate

## Workstation Outlets (continued)

### Interface Plates, MDVO Faceplates

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

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

#### Interface Plates

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

Blank Inserts included (50% of ports)

#### MDVO Faceplate

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

Blank Inserts included (50% of ports)

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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 attached to standard electrical boxes or wall-mounting hardware for additional storage space ordered separately.

The MDVO 106 Adapters are designed for installations using standard NEMA-style

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

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

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

#### Interface/MDVO Surface Adapter Box

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

Blank Inserts included (50% of ports)

#### Interface/MDVO Side Entry Box

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

Blank Inserts included (50% of ports)

#### MDVO Adapters

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

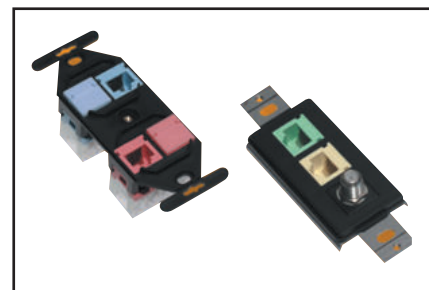
Blank Inserts included (50% of ports)



AX101474, Interface/MDVO Surface Adapter Box



A0645271, MDVO Side Entry Box, shown here with modules



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

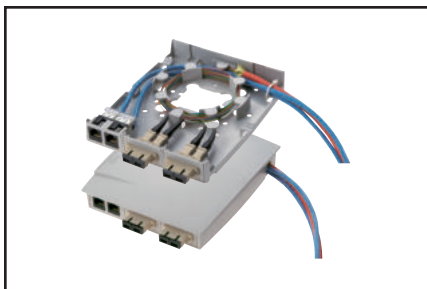


AX100925, MDVO Modular Furniture Adapter, 4-port, shown here with modules

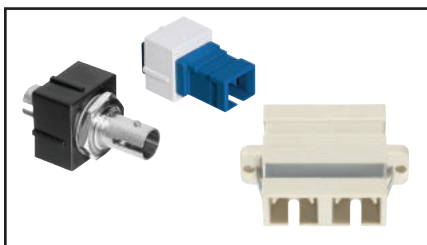


## Workstation Outlets (continued)

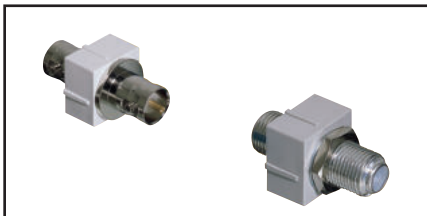
### Multimedia Outlet Boxes, Modules, Adapters



A0643206, MDVO Multimedia Outlet Box, shown here as terminated



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



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



A0407001, MDVO Coaxial, VIDEO F

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

Multimedia box are three SC Duplex Mounting bezels and three Modular Jack Adapters.

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

### Multimedia Outlet Boxes

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

Blank Inserts included (50% of ports)

### MDVO Modules

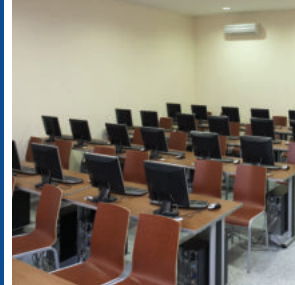
| Description                            | Belden Part Number |          |             |          |
|----------------------------------------|--------------------|----------|-------------|----------|
|                                        | Gray               | Almond   | Elec. White | Black    |
|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

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

### SC Duplex Adapter

| Description                         | Belden Part Number |
|-------------------------------------|--------------------|
| <b>SC Duplex Adapter</b>            |                    |
| SC Duplex Adapter, Multimode, Beige | A0649254           |

Faster.  
Easier.  
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## Workstation Outlets (continued)

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

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

CAT5E BIX DVO Workstation Outlets are robust and installer-friendly products, combining

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

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



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

#### Multi-User Outlet Box

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

Adapter strip not included

#### Adapter Strips

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

Blank inserts included (50% of ports)



AX100223, MDVO Adapter Strip, 12-port

#### CAT5E BIX DVO Outlets

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



CAT5E BIX DVO Outlets

## Workstation Outlets (continued)

### Accessories



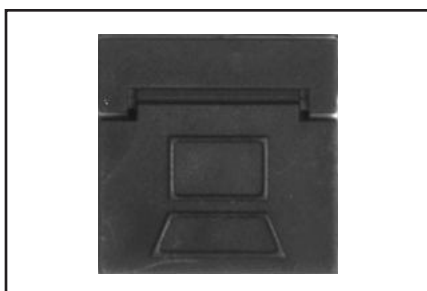
A0405538, MDVO Blank

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

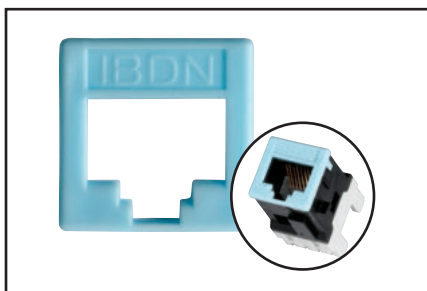
The Colored Bezels are plastic inserts that fit over the face of MDVO modules to modify their color. They are particularly useful in installations where the churn rate is high and color identification of outlets is critical (segmented network with security levels, for example). They also contribute to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

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

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



AX100196, ID Tab Data



AX102022, Colored Bezel



AX101790, Dust Cover, AX102263, KeyConnect Blank Insert

### MDVO Accessories

| Description                                                        | Belden Part Number |             |              |                      |
|--------------------------------------------------------------------|--------------------|-------------|--------------|----------------------|
|                                                                    | Gray               | Almond      | White        | Black                |
| <b>MDVO Blank Inserts</b>                                          |                    |             |              |                      |
| MDVO Blank Insert                                                  | A0405536           | A0405537    | A0405538     | A0405539             |
| <b>MDVO ID Tabs</b>                                                | <b>Blank</b>       | <b>Data</b> | <b>Voice</b> | <b>Colored Bezel</b> |
| 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             |
| <b>MDVO Accessories</b>                                            |                    |             | Clear        |                      |
| Interface Plate ID Window label and clear cover, 50 pieces per bag |                    |             | AX101868     |                      |

### KeyConnect Accessories

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

### KeyConnect Color-Coded Icon Kit

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

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## Workstation Outlets (continued)

### REVConnect and KeyConnect Tools and Accessories

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

- Rubber handle grips for comfort
- Includes a cable stripper and crossweb guillotine tool in the handle
- Additional blade set included with each tool
- Replacement blades and cable preparation tools available
- Tool belt clip available for hands-free carrying
- Terminates REVConnect core for all Belden cables and all REVConnect modules

#### Key Specifications

- Rugged design withstands tens of thousands of terminations
- Go-no-go functionality only allows a termination when the core is properly seated inside the tool



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

#### REVConnect Jack Accessories (for both UTP and shielded)\*

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



RVUCT01, Cable Prep Insert



AX105566, Tool Assembly for KeyConnect Jacks

#### REVConnect Universal Termination Tool and Accessories

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

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

#### Rapid Termination Tool (RTT)

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



RVUTIK01, REVConnect Installation Tool Kit

\*For color options see <https://www.belden.com/products/enterprise/copper/faceplates-boxes/colors>

## Workstation Outlets (continued)

### Tools



AX100749, 110 Connecting Tool

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

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



1797B 009, 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 Nonbonded-pair cable for installation.

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

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

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 |
|------------------------------------|--------------------|
| 110 Connecting Tool                | AX100749           |
| Bonded-Pair Cable Preparation Tool | 1797B 009          |
| Termination Station                | AX101852           |
| Outlet Release Tool                | AX101185           |
| Patch Cord Tool                    | AX102775           |



AX101185, Outlet Release Tool



AX102775, Patch Cord Tool



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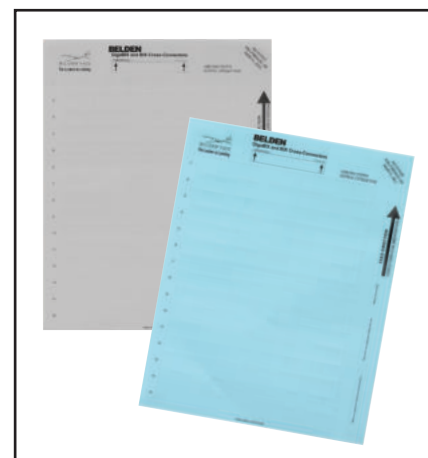
## Workstation Outlets (continued)

### LabelFlex Labels

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

#### Copper and Fiber Patch Panels

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



LabelFlex Labels

#### Copper and Fiber Cables

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

#### Download:

**FREE** LabelFlex software at:  
[www.belden.com/labelflex](http://www.belden.com/labelflex)

#### Miscellaneous Labels

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

#### Workstation Outlets

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

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

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

## SECTION FIVE

# Data & Power Beyond PoE

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| FiberExpress Hybrid Copper-Fiber Cables | 68           |



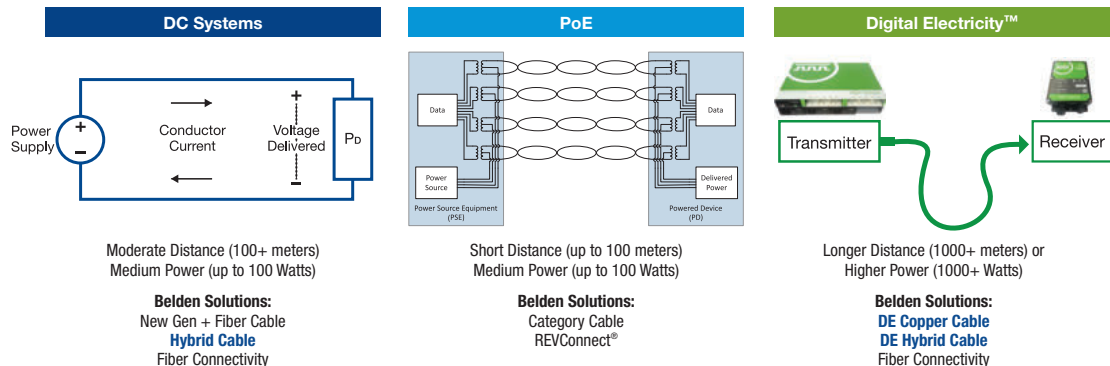
Although Power over Ethernet (PoE) technology can carry up to 100W over a data cable for up to 100 m, PoE doesn't offer the power or distance capabilities required by many of today's applications.

Belden offers solutions to support remote power when PoE is unable to reach and standard power is unavailable or too costly to install. Hybrid offerings combine power and data transmission in one cable, lowering installation and labor costs by requiring only a single cable pull. Hybrid cable construction also reduces the number of cables installers need to stock.

As the only application-specific solution tailored to support the demands of Digital Electricity™, Belden's **Digital Electricity (DE)** Cables safely transmit higher power or longer distance than PoE applications.

**FiberExpress Hybrid Copper-Fiber Cables** safely transmit up to 100W of low-voltage power and data over long distances (up to 1,000 m) to remote locations in indoor and indoor/outdoor applications. Fiber strands that meet today's technology-driven data demands are paired with copper conductors to provide necessary power.

## Remote Power Delivery Systems



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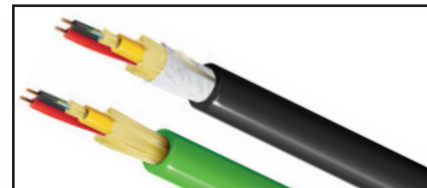


## Digital Electricity™ Cables

Twisted pairs provide improved electrical performance, easy identification and quick installation. Hybrid cables reduce stock (only one cable to manage) and labor costs with only one cable to pull. Digital Electricity optimized cables are designed to effectively and safely carry data and large amounts of power across long distances.

### Applications:

- Distributed Antenna Systems (DAS)
- Passive Optical Networks (PON)
- Power over longer distances
- Security (Cameras)
- Wireless Access Points (WAP)



Digital Electricity Fiber Optical Hybrid Copper-Fiber Cable

## Digital Electricity™ Copper Cables (Power Transmission)

### Building a SmartPart Number

Fixed Letter Series

**DE**

1. Choose Application

**I**

2. Choose Rating/Type

**P**

3. Choose Gauge Size

**18**

4. Choose Pair Count

**4**

5. Choose Shielding

**U**

| Application |                             |
|-------------|-----------------------------|
| <b>I</b>    | Indoor                      |
| <b>D</b>    | Indoor/Outdoor              |
| <b>W</b>    | Waterblocked-Indoor/Outdoor |

| Rating/Type |                               |
|-------------|-------------------------------|
| <b>P</b>    | Plenum                        |
| <b>N</b>    | General Purpose/Wet Locations |
| <b>L</b>    | LSZH                          |

| AWG       |    |
|-----------|----|
| <b>12</b> | 12 |
| <b>14</b> | 14 |
| <b>16</b> | 16 |
| <b>18</b> | 18 |
| <b>20</b> | 20 |
| <b>22</b> | 22 |
| <b>24</b> | 24 |

| Pair Count <sup>1</sup> |          |
|-------------------------|----------|
| <b>2</b>                | 2 Pairs  |
| <b>4</b>                | 4 Pairs  |
| <b>8</b>                | 8 Pairs  |
| <b>10</b>               | 10 Pairs |

| Shielding |                                 |
|-----------|---------------------------------|
| <b>U</b>  | Unshielded                      |
| <b>F</b>  | Foil Shield                     |
| <b>D</b>  | Dual Shield (Foil+90% TC Braid) |

1. Up to 10-pair for Indoor Plenum and 24-pair for Indoor/Outdoor and Waterblocked

\* Plenum default jacket color is Apple Green. Indoor/Outdoor and Waterblocked default jacket color is black. Default reel size is 2000 ft. Other colors and lengths available upon request.

### Examples:

**DEIP168U** - Digital Electricity optimized copper cable, Indoor, Plenum-rated, 16 AWG, 8 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Apple Green Jacket

**DEDN148U** - Digital Electricity optimized copper cable, Indoor/Outdoor, CL3-rated, Sun Res, Wet Locations, 14 AWG, 8 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Black Jacket

**DEWN164U** - Digital Electricity optimized copper cable, Waterblocking tape for best protection below-grade, in-conduit, CM-rated, 16 AWG, 4 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Black Jacket

## Digital Electricity™ Hybrid Copper-Fiber Cables (Data & Power Transmission)

### Building a SmartPart Number

Fixed Letter Series

**DH**

1. Choose Cable Location

**I**

2. Choose Rating/Type

**P**

3. Choose Copper Type

**16**

4. Choose Pair Count

**2**

5. Choose Cable Shielding

**U**

6. Choose Fiber Type

**3**

7. Choose Family

**B**

8. Choose Fiber Count

**02**

9. Choose Fiber Sub-Unit Configuration

**C**

| FX Fiber Cable |           |
|----------------|-----------|
| <b>DH</b>      | Hybrid DE |

| Location |                             |
|----------|-----------------------------|
| <b>I</b> | Indoor                      |
| <b>W</b> | Waterblocked-Indoor/Outdoor |

| Rating/Type |               |
|-------------|---------------|
| <b>P</b>    | Plenum CMP-OF |

| Copper Type |        |
|-------------|--------|
| <b>16</b>   | 16 AWG |
| <b>18</b>   | 18 AWG |
| <b>20</b>   | 20 AWG |

| Pair Count |         |
|------------|---------|
| <b>2</b>   | 2 Pairs |
| <b>4</b>   | 4 Pairs |
| <b>8</b>   | 8 Pairs |

| Shielding |            |
|-----------|------------|
| <b>U</b>  | Unshielded |

| Fiber Type |                |
|------------|----------------|
| <b>3</b>   | OM3            |
| <b>4</b>   | OM4            |
| <b>S</b>   | OS2 (G.657.A1) |

| Family   |              |
|----------|--------------|
| <b>B</b> | Breakout     |
| <b>D</b> | Distribution |

| Fiber Count |           |
|-------------|-----------|
| <b>02</b>   | 2 Fibers  |
| <b>04</b>   | 4 Fibers  |
| <b>06</b>   | 6 Fibers  |
| <b>12</b>   | 12 Fibers |

| Sub-Unit Type/Configuration |                                    |
|-----------------------------|------------------------------------|
| Breakout                    |                                    |
| <b>C</b>                    | 3.0 mm Sub (1F x 900 µm)           |
| <b>B</b>                    | 2.0mm Sub (1F x 900 µm)            |
| Distribution: Unitized      |                                    |
| <b>J</b>                    | 1 Fiber Distribution Tube (900 µm) |

\* Plenum default jacket color is Apple Green. Waterblocked-Indoor/Outdoor default jacket color is black. Length specified at the time of order.

### Examples:

**DHIP162U4B02C** - Digital Electricity optimized hybrid, Indoor, 16 AWG, 2 Stranded Tinned-Copper Pairs, OM4, Breakout, 2 Fiber Strands, 3.0 mm Subunit, Unshielded, Plenum Rated, Apple Green Jacket

**DHIP182USD06J** - Digital Electricity optimized hybrid, Indoor, 18 AWG, 2 Stranded Tinned-Copper Pairs, OS2, Distribution, 6 Fiber Strands, 1 fiber distribution tube, Unshielded, Plenum Rated, Apple Green Jacket



Fiber Optical Hybrid Copper-Fiber Cable

## FiberExpress Hybrid Copper-Fiber Cables

Tight Buffer — Indoor, Riser and Plenum Rated

Take advantage of the benefits of DC power and fiber in one cable, safely transmitting up to 100W of low-voltage power and data over long distances (up to 1000 m) to remote locations where standard power is unavailable or too costly to install. Cables can be used for indoor (plenum and riser) and indoor/outdoor (plenum and riser) applications, and also reduce inventory costs through stocking and managing one cable vs. two.

### Applications:

- DAS
- POLAN/PON
- Power over longer distances
- Entrance space
- Pre-term

### Standard FX Hybrid Copper-Fiber Cables

| # Conductors<br>x AWG        | Belden Part Number |                   |               |                   |               |                   |
|------------------------------|--------------------|-------------------|---------------|-------------------|---------------|-------------------|
|                              | OM3                |                   | OM4           |                   | OS2           |                   |
|                              | Breakout (2F)      | Distribution (6F) | Breakout (2F) | Distribution (6F) | Breakout (2F) | Distribution (6F) |
| <b>Indoor Plenum</b>         |                    |                   |               |                   |               |                   |
| 2 x 14                       | HI3B0020214PC      | HI3D0060214PJ     | HI4B0020214PC | HI4D0060214PJ     | HISB0020214PC | HISD0060214PJ     |
| 2 x 16                       | HI3B0020216PC      | HI3D0060216PJ     | HI4B0020216PC | HI4D0060216PJ     | HISB0020216PC | HISD0060216PJ     |
| 2 x 18                       | HI3B0020218PC      | HI3D0060218PJ     | HI4B0020218PC | HI4D0060218PJ     | HISB0020218PC | HISD0060218PJ     |
| <b>Indoor/Outdoor Plenum</b> |                    |                   |               |                   |               |                   |
| 2 x 14                       | HD3B0020214PC      | HD3D0060214PJ     | HD4B0020214PC | HD4D0060214PJ     | HDSB0020214PC | HDS0060214PJ      |
| 2 x 16                       | HD3B0020216PC      | HD3D0060216PJ     | HD4B0020216PC | HD4D0060216PJ     | HDSB0020216PC | HDS0060216PJ      |
| 2 x 18                       | HD3B0020218PC      | HD3D0060218PJ     | HD4B0020218PC | HD4D0060218PJ     | HDSB0020218PC | HDS0060218PJ      |
| <b>Indoor Riser</b>          |                    |                   |               |                   |               |                   |
| 2 x 14                       | HI3B0020214RB      | HI3D0020214RJ     | HI4B0020214RB | HI4D0020214RJ     | HISB0020214RB | HISD0020214RJ     |
| 2 x 16                       | HI3B0020216RB      | HI3D0020216RJ     | HI4B0020216RB | HI4D0020216RJ     | HISB0020216RB | HISD0020216RJ     |
| 2 x 18                       | HI3B0020218RB      | HI3D0020218RJ     | HI4B0020218RB | HI4D0020218RJ     | HISB0020218RB | HISD0020218RJ     |

### Tailored FX Hybrid Copper-Fiber Cables

#### Building a SmartPart Number

1. Choose FX Fiber Cable

2. Choose Fiber Type

3. Choose Family

4. Choose Fiber Count

5. Choose Conductor Count

6. Choose Copper Type

7. Choose Fire Rating

8. Choose Sub-unit Type/Configuration

HI

**FX Fiber Cable**  

|    |                             |
|----|-----------------------------|
| HI | Indoor Hybrid Cable         |
| HD | Indoor/Outdoor Hybrid Cable |

S

**Fiber Type**  

|   |                |
|---|----------------|
| 1 | OM1            |
| 3 | OM3            |
| 4 | OM4            |
| S | OS2 (G.657.A1) |
| B | G.657.A2/B2    |
| C | G.657.B3       |

D

**Family**  

|   |              |
|---|--------------|
| B | Breakout     |
| D | Distribution |

006

**Fiber Count**  

|              |          |
|--------------|----------|
| Breakout     |          |
| 001          | 1 Fiber  |
| 002          | 2 Fibers |
| Distribution |          |
| 006          | 6 Fibers |

02

**Conductor Count**  

|    |              |
|----|--------------|
| 02 | 2 Conductors |
|----|--------------|

14

**Copper Type**  

|    |        |
|----|--------|
| 12 | 12 AWG |
| 14 | 14 AWG |
| 16 | 16 AWG |
| 18 | 18 AWG |
| 20 | 20 AWG |

R

**Fire Rating**  

|   |           |
|---|-----------|
| P | Plenum    |
| R | Riser     |
| F | Riser AIA |

J

**Sub-Unit Type/Configuration**  

|                         |                                    |
|-------------------------|------------------------------------|
| B                       | 2.0 mm Sub (1F x 900 μm)           |
| Breakout                |                                    |
| C                       | 3.0 mm Sub (1F x 900 μm)           |
| Distribution : Unitized |                                    |
| J                       | 1 Fiber Distribution Tube (900 μm) |

For an exhaustive selection, contact Belden customer service or your local Belden representative for more details.

#### Examples:

**HISD0060214RJ** - FX Hybrid Indoor, OS2, Distribution, 6 Fibers x 900 μm, 02 x 14 AWG, CL3R-OF, 1 fiber distribution tube, Yellow Jacket

**HI4D0020212PJ** - FX Hybrid Indoor, OM4, Distribution, 2 Fibers x 900 μm, 02 x 12 AWG, CL3P-OF, 1 fiber distribution tube, Erika Violet Jacket

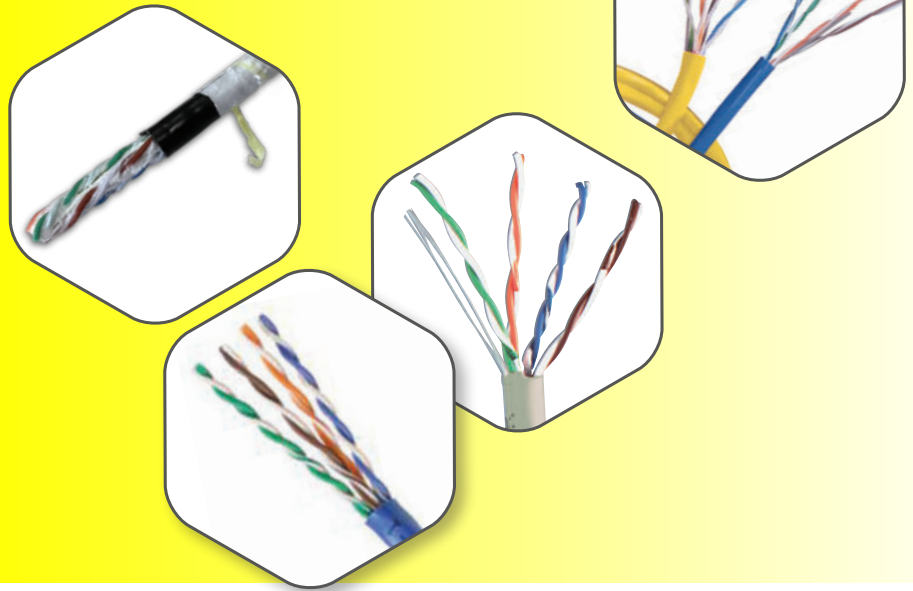
## SECTION SIX

### Miscellaneous Cables

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

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

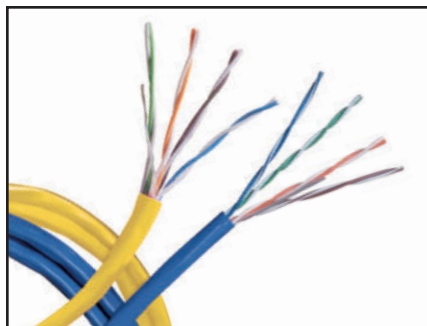
**DataTwist 1200 Bonded-Pair UTP Siamese Cables** come bundled with two 4-pair cables for easy break-out and identification.

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

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

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





DataTwist 5e Cable

## DataTwist 5e Cable, Category 5e

### Nonbonded-Pair

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



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



ReelTuff Packaging is available for some part numbers. Get more information at [www.belden.com/reeltuff](http://www.belden.com/reeltuff)

### Category 5e, DataTwist 5e Cables

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

Other standard colors are available upon request.

Faster.  
Easier.  
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## 1200 Siamese Cables

### Bonded-Pair

1200 Bonded-Pair provides superior electrical performance “on-the-reel” and in the wall. 1200 Bonded-Pair Cables are available in plenum and non-plenum versions. They ensure superior Installable Performance® by utilizing the patented Bonded-Pair design. They exceed the full range of industry performance criteria, both electrically

and physically. 1200 Bonded-Pair Enhanced Category 5e Cable sets a new precedent for cabling with confidence.

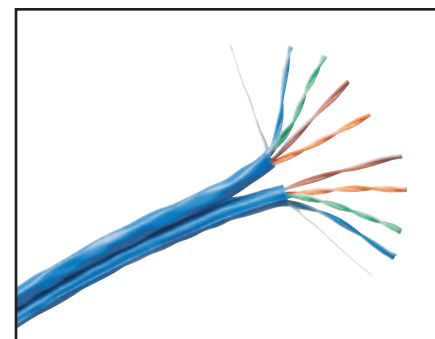


Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)

### 1200 Siamese Cables

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

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



1200 Siamese Cable

## Category 6, 5e, Limited Combustible Cables

### Nonbonded-Pair and Bonded-Pair

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

DataTwist Limited Combustible Cable is the next generation of cable technology - providing the ultimate in fire and smoke safety.

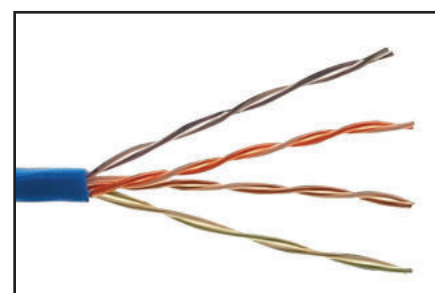
**These Limited Combustible cables meet the requirements for the Living Building Challenge.**

### Category 6, 5e, DataTwist Limited Combustible Cables

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

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

\*Not available



DataTwist 6 Limited Combustible Cable



Outside Plant, Gel-filled

## Category 6A, 6, 5e, Indoor/Outdoor (I/O) and Outdoor Cables Nonbonded-Pair, Bonded-Pair

Category 6A, 6 and 5e Outside Plant (OSP) Cables are 100% gel-filled with a non-sticky PP compound that is easy to remove when terminating. Each product also has a thick polyethylene or PVC jacket for better moisture and cut-through resistance. All products on this

page meet or exceed ANSI/TIA-568-C.2 and ANSI/ICEA S-56-434 requirements. The OSP versions comply with ANSI/ICEA S-99-689 and ANSI/ICEA S-107-704 Water Penetration Test, and the CMR/CMX versions comply with ANSI/ICEA S-100-685.

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

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

\*Not available

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

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

\*Not available

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

### Outside Plant OSP Cables (Suitable for Wet Locations)

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

\*Not available

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## Category 3, Horizontal and Backbone Indoor Cables

### DataTwist 3, D-Inside Wire and ATMM/ARMM

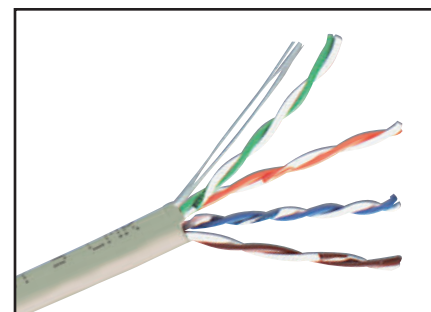
DataTwist 3 Cable is a high-value UTP cable engineered specifically to perform to Category 3 requirements per ANSI/TIA-568-C.2. DataTwist 3, D-Inside Wire, D-Flex Plenum and the ATMM Cable

Series are rugged multi-pair cable series that meet and exceed ANSI/TIA-568-C.2 and CSA T529-95 specifications, and are perfect for use in networking and communication systems.

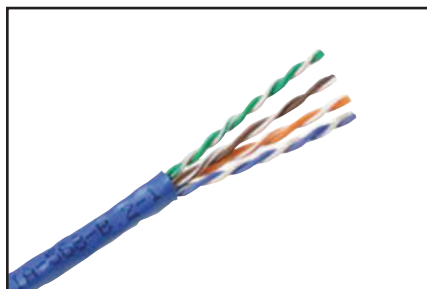
#### Category 3, Horizontal and Backbone Indoor Cable

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

\*Not available



D-Inside Series Riser Cable



DataTwist Patch Cable

## Patch Cable, Category 6 and 5e

### Nonbonded-Pair and Bonded-Pair

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

Our high-end products, 1752A and 1875GB, are the premier patch cable products in the industry. Bonded-Pair technology gives these flexible cables rock-solid RL performance when flexed or

moved. Bonded-Pairs also improve the cable's balance, which reduces the effects of noisy environments. These products also incorporate fused stranded conductors. Fusing the strands helps ensure that ambient moisture/humidity will not affect insertion loss.



Information about products contributing to LEED points are available at [www.belden.com/leed](http://www.belden.com/leed)

### Category 6, Patch Cables

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

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

### Category 5e, Patch Cables

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

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



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## Category 5e, Backbone Indoor Cables

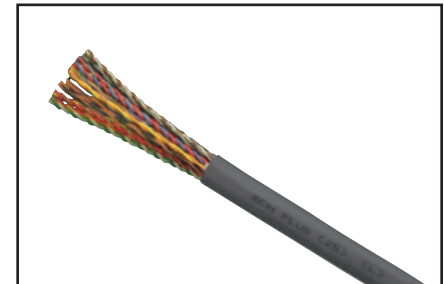
### Nonbonded-Pair

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

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

### Category 5e, Backbone Indoor Cables

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



IBDN25R, 25-pair Cat5e Cable

## Category 6, MediaTwist Cables

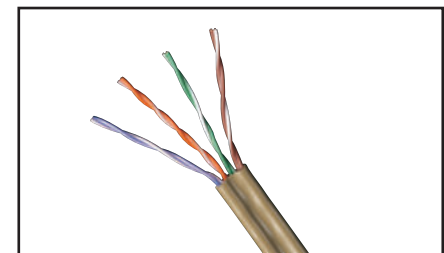
### Bonded-Pair

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

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



Information about products contributing to LEED points is available at [www.belden.com/leed](http://www.belden.com/leed)



MediaTwist Cable

### Category 6, MediaTwist Cables

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

| Part No.        | Page | Part No.        | Page | Part No.        | Page | Part No.        | Page | Part No.        | Page |
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| 10GX52F 0041000 | 19   | 10GXS12003A1000 | 8    | 10GXS33010U1000 | 8    | 1213F 0041000   | 48   | 1592A 0041000   | 74   |
| 10GX52F 0061000 | 19   | 10GXS12003U1000 | 8    | 10GXW12 0021000 | 9    | 1213F 0051000   | 48   | 1592A 0051000   | 74   |
| 10GX52F 0081000 | 19   | 10GXS12004A1000 | 8    | 10GXW12 0031000 | 9    | 1213F 0081000   | 48   | 1592A 0061000   | 74   |
| 10GX52F 0091000 | 19   | 10GXS12004U1000 | 8    | 10GXW12 0041000 | 9    | 1213F 0091000   | 48   | 1592A 0071000   | 74   |
| 10GX52F 0101000 | 19   | 10GXS12005A1000 | 8    | 10GXW12 0051000 | 9    | 1213F 0101000   | 48   | 1592A 0091000   | 74   |
| 10GX53F 0041000 | 19   | 10GXS12005U1000 | 8    | 10GXW12 0061000 | 9    | 1213F D15A1000  | 48   | 1592A 0101000   | 74   |
| 10GX53F 0081000 | 19   | 10GXS12006A1000 | 8    | 10GXW12 0081000 | 9    | 1213F D151000   | 48   | 1592A F2V1000   | 74   |
| 10GX53F 0091000 | 19   | 10GXS12006U1000 | 8    | 10GXW12 0091000 | 9    | 1224 007U1000   | 39   | 1592A F2VU1000  | 74   |
| 10GX53F 0101000 | 19   | 10GXS12007A1000 | 8    | 10GXW12 0101000 | 9    | 1227A1 008U1000 | 73   | 1594A 0091000   | 72   |
| 10GX53F D151000 | 19   | 10GXS12007U1000 | 8    | 10GXW13 0021000 | 9    | 1227A1 Q5HU1000 | 73   | 1594A 0101000   | 72   |
| 10GX62F 0041000 | 19   | 10GXS12008A1000 | 8    | 10GXW13 0031000 | 9    | 1229A1 008U1000 | 73   | 1700A 002U1000  | 39   |
| 10GX62F 0061000 | 19   | 10GXS12008U1000 | 8    | 10GXW13 0041000 | 9    | 1232A1 0081000  | 73   | 1700A 003U1000  | 39   |
| 10GX62F 0081000 | 19   | 10GXS12009A1000 | 8    | 10GXW13 0051000 | 9    | 1243A2 009U1000 | 73   | 1700A 004U1000  | 39   |
| 10GX62F 0091000 | 19   | 10GXS12009U1000 | 8    | 10GXW13 0081000 | 9    | 1245A2 009U1000 | 73   | 1700A 005U1000  | 39   |
| 10GX62F 0101000 | 19   | 10GXS12010A1000 | 8    | 10GXW13 0091000 | 9    | 1583A 002U1000  | 70   | 1700A 006U1000  | 39   |
| 10GX63F 0041000 | 19   | 10GXS12010U1000 | 8    | 10GXW13 0101000 | 9    | 1583A 003U1000  | 70   | 1700A 008U1000  | 39   |
| 10GX63F 0081000 | 19   | 10GXS13002A1000 | 8    | 10GXW13 D151000 | 9    | 1583A 004U1000  | 70   | 1700A 009U1000  | 39   |
| 10GX63F 0091000 | 19   | 10GXS13002U1000 | 8    | 1212 003U1000   | 39   | 1583A 005U1000  | 70   | 1700A 010U1000  | 39   |
| 10GX63F 0101000 | 19   | 10GXS13003A1000 | 8    | 1212 004U1000   | 39   | 1583A 006U1000  | 70   | 1700A 0021000   | 39   |
| 10GX63F D151000 | 19   | 10GXS13003U1000 | 8    | 1212 005U1000   | 39   | 1583A 008U1000  | 70   | 1700A 0031000   | 39   |
| 10GXS12 0021000 | 8    | 10GXS13004A1000 | 8    | 1212 006U1000   | 39   | 1583A 009U1000  | 70   | 1700A 0041000   | 39   |
| 10GXS12 0031000 | 8    | 10GXS13004U1000 | 8    | 1212 008U1000   | 39   | 1583A 010U1000  | 70   | 1700A 0051000   | 39   |
| 10GXS12 0041000 | 8    | 10GXS13005A1000 | 8    | 1212 009U1000   | 39   | 1583A 0021000   | 70   | 1700A 0061000   | 39   |
| 10GXS12 0051000 | 8    | 10GXS13005U1000 | 8    | 1212 010U1000   | 39   | 1583A 0031000   | 70   | 1700A 0091000   | 39   |
| 10GXS12 0061000 | 8    | 10GXS13007A1000 | 8    | 1212 0061000    | 39   | 1583A 0041000   | 70   | 1700A 0101000   | 39   |
| 10GXS12 0071000 | 8    | 10GXS13007U1000 | 8    | 1212 0062500    | 39   | 1583A 0051000   | 70   | 1700A B02U1000  | 39   |
| 10GXS12 0081000 | 8    | 10GXS13008A1000 | 8    | 1212 0091000    | 39   | 1583A 0061000   | 70   | 1700A B021000   | 39   |
| 10GXS12 0091000 | 8    | 10GXS13008U1000 | 8    | 1212F 002A1000  | 48   | 1583A 0081000   | 70   | 1700A F2V1000   | 39   |
| 10GXS12 0101000 | 8    | 10GXS13009A1000 | 8    | 1212F 003A1000  | 48   | 1583A 0091000   | 70   | 1700A F2VU1000  | 39   |
| 10GXS13 0021000 | 8    | 10GXS13009U1000 | 8    | 1212F 004A1000  | 48   | 1583A 0101000   | 70   | 1700S6 006500   | 39   |
| 10GXS13 0031000 | 8    | 10GXS13010A1000 | 8    | 1212F 005A1000  | 48   | 1585A 002U1000  | 70   | 1700S6 0061000  | 39   |
| 10GXS13 0041000 | 8    | 10GXS13010U1000 | 8    | 1212F 006A1000  | 48   | 1585A 003U1000  | 70   | 1700S6 F2V500   | 39   |
| 10GXS13 0051000 | 8    | 10GXS32002A1000 | 8    | 1212F 008A1000  | 48   | 1585A 004U1000  | 70   | 1700S6 F2V1000  | 39   |
| 10GXS13 0071000 | 8    | 10GXS32002U1000 | 8    | 1212F 009A1000  | 48   | 1585A 005U1000  | 70   | 1701A 002U1000  | 39   |
| 10GXS13 0081000 | 8    | 10GXS32003A1000 | 8    | 1212F 010A1000  | 48   | 1585A 008U1000  | 70   | 1701A 003U1000  | 39   |
| 10GXS13 0091000 | 8    | 10GXS32003U1000 | 8    | 1212F 0021000   | 48   | 1585A 009U1000  | 70   | 1701A 004U1000  | 39   |
| 10GXS13 0101000 | 8    | 10GXS32004A1000 | 8    | 1212F 0031000   | 48   | 1585A 010U1000  | 70   | 1701A 005U1000  | 39   |
| 10GXS13D15A1000 | 8    | 10GXS32004U1000 | 8    | 1212F 0041000   | 48   | 1585A 0021000   | 70   | 1701A 008U1000  | 39   |
| 10GXS13D15U1000 | 8    | 10GXS32005A1000 | 8    | 1212F 0051000   | 48   | 1585A 0031000   | 70   | 1701A 009U1000  | 39   |
| 10GXS13 D151000 | 8    | 10GXS32005U1000 | 8    | 1212F 0061000   | 48   | 1585A 0041000   | 70   | 1701A 010U1000  | 39   |
| 10GXS24 0061000 | 8    | 10GXS32006A1000 | 8    | 1212F 0081000   | 48   | 1585A 0051000   | 70   | 1701A 877U1000  | 39   |
| 10GXS24 0071000 | 8    | 10GXS32006U1000 | 8    | 1212F 0091000   | 48   | 1585A 0081000   | 70   | 1701A 0021000   | 39   |
| 10GXS24 0091000 | 8    | 10GXS32007A1000 | 8    | 1212F 0101000   | 48   | 1585A 0091000   | 70   | 1701A 0031000   | 39   |
| 10GXS32 0021000 | 8    | 10GXS32007U1000 | 8    | 1213 003U1000   | 39   | 1585A 0101000   | 70   | 1701A 0041000   | 39   |
| 10GXS32 0031000 | 8    | 10GXS32008A1000 | 8    | 1213 004U1000   | 39   | 1585A D15U1000  | 70   | 1701A 0051000   | 39   |
| 10GXS32 0041000 | 8    | 10GXS32008U1000 | 8    | 1213 005U1000   | 39   | 1585A D151000   | 70   | 1701A 0091000   | 39   |
| 10GXS32 0051000 | 8    | 10GXS32009A1000 | 8    | 1213 007U1000   | 39   | 1585LC 006U1000 | 71   | 1701A 0101000   | 39   |
| 10GXS32 0061000 | 8    | 10GXS32009U1000 | 8    | 1213 008U1000   | 39   | 1585LC 009U1000 | 71   | 1701A 8771000   | 39   |
| 10GXS32 0071000 | 8    | 10GXS32010A1000 | 8    | 1213 009U1000   | 39   | 1585LC 0061000  | 71   | 1701A B02U1000  | 39   |
| 10GXS32 0081000 | 8    | 10GXS32010U1000 | 8    | 1213 010U1000   | 39   | 1585LC 0091000  | 71   | 1701A B021000   | 39   |
| 10GXS32 0091000 | 8    | 10GXS33002A1000 | 8    | 1213 012U1000   | 39   | 1588A 006U1000  | 70   | 1701A D15U1000  | 39   |
| 10GXS32 0101000 | 8    | 10GXS33002U1000 | 8    | 1213 0091000    | 39   | 1588A 0061000   | 70   | 1701A D151000   | 39   |
| 10GXS33 0021000 | 8    | 10GXS33003A1000 | 8    | 1213 0092500    | 39   | 1588A F6H1000   | 70   | 1701LC 006U1000 | 71   |
| 10GXS33 0031000 | 8    | 10GXS33003U1000 | 8    | 1213 D15U1000   | 39   | 1588A F6HU1000  | 70   | 1701LC 009U1000 | 71   |
| 10GXS33 0041000 | 8    | 10GXS33004A1000 | 8    | 1213 D151000    | 39   | 1590A D151000   | 70   | 1701LC 0061000  | 71   |
| 10GXS33 0051000 | 8    | 10GXS33004U1000 | 8    | 1213 D152500    | 39   | 1592A 002U1000  | 74   | 1701LC 0091000  | 71   |
| 10GXS33 0071000 | 8    | 10GXS33005A1000 | 8    | 1213F 002A1000  | 48   | 1592A 003U1000  | 74   | 1701S6 D15500   | 39   |
| 10GXS33 0081000 | 8    | 10GXS33005U1000 | 8    | 1213F 003A1000  | 48   | 1592A 004U1000  | 74   | 1701S6 D151000  | 39   |
| 10GXS33 0091000 | 8    | 10GXS33007A1000 | 8    | 1213F 004A1000  | 48   | 1592A 005U1000  | 74   | 1702A 0061000   | 71   |
| 10GXS33 0101000 | 8    | 10GXS33007U1000 | 8    | 1213F 005A1000  | 48   | 1592A 006U1000  | 74   | 1702A F2V1000   | 71   |
| 10GXS33D15A1000 | 8    | 10GXS33008A1000 | 8    | 1213F 008A1000  | 48   | 1592A 007U1000  | 74   | 1703A 8771000   | 71   |
| 10GXS33D15U1000 | 8    | 10GXS33008U1000 | 8    | 1213F 009A1000  | 48   | 1592A 009U1000  | 74   | 1703A D151000   | 71   |
| 10GXS33 D151000 | 8    | 10GXS33009A1000 | 8    | 1213F 010A1000  | 48   | 1592A 010U1000  | 74   | 1752A 002U1000  | 74   |
| 10GXS12002A1000 | 8    | 10GXS33009U1000 | 8    | 1213F 0021000   | 48   | 1592A 0021000   | 74   | 1752A 003U1000  | 74   |
| 10GXS12002U1000 | 8    | 10GXS33010A1000 | 8    | 1213F 0031000   | 48   | 1592A 0031000   | 74   | 1752A 004U1000  | 74   |

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| 1752A 005U1000  | 74   | 2140A 0101000 | 72   | 2413 0101000  | 25   | 3612 005U1000 | 24   | 3633 002A1000   | 24   |
| 1752A 006U1000  | 74   | 2141A 0101000 | 72   | 2413 0102500  | 25   | 3612 006A1000 | 24   | 3633 003A1000   | 24   |
| 1752A 007U1000  | 74   | 2142A 0101000 | 72   | 2413 D15A1000 | 25   | 3612 006U1000 | 24   | 3633 004A1000   | 24   |
| 1752A 010U1000  | 74   | 2143A 0101000 | 72   | 2413 D15U1000 | 25   | 3612 007A1000 | 24   | 3633 005A1000   | 24   |
| 1752A 0021000   | 74   | 2146A 0101000 | 72   | 2413 D151000  | 25   | 3612 008A1000 | 24   | 3633 008A1000   | 24   |
| 1752A 0031000   | 74   | 2147A 0101000 | 72   | 2413 D152500  | 25   | 3612 008U1000 | 24   | 3633 008U1000   | 24   |
| 1752A 0041000   | 74   | 2148A 0101000 | 72   | 2413F 0021000 | 35   | 3612 009A1000 | 24   | 3633 009A1000   | 24   |
| 1752A 0051000   | 74   | 2149A 0101000 | 72   | 2413F 0031000 | 35   | 3612 009U1000 | 24   | 3633 009U1000   | 24   |
| 1752A 0061000   | 74   | 2412 002A1000 | 25   | 2413F 0041000 | 35   | 3612 010A1000 | 24   | 3633 010A1000   | 24   |
| 1752A 0071000   | 74   | 2412 003A1000 | 25   | 2413F 0051000 | 35   | 3612 0041000  | 24   | 3633 0021000    | 24   |
| 1752A 0101000   | 74   | 2412 003U1000 | 25   | 2413F 0081000 | 35   | 3612 0042500  | 24   | 3633 0031000    | 24   |
| 1752A F2V1000   | 74   | 2412 004A1000 | 25   | 2413F 0091000 | 35   | 3612 0051000  | 24   | 3633 0041000    | 24   |
| 1752A F2VU1000  | 74   | 2412 004U1000 | 25   | 2413F 0101000 | 35   | 3612 0061000  | 24   | 3633 0051000    | 24   |
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