

# Audio Video Solutions

A complete set of products designed specifically for audio distribution, video display, automation and lighting control



**Be certain.  
Belden.**

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



# Audio Video Solutions by Belden

Belden is the trusted brand in audio video cabling and connectivity. The AV industry has come to rely on our proven track record of innovation, quality, and consistency. Belden upholds its reputation with warranties unmatched in the industry.

Our product offering includes traditional audio and video, networking and fiber optic cable and connectivity. Whether integrating analog, digital, fiber transport, or IP-based systems, Belden can offer a solution for your installation needs. Our products are designed to support communications protocols like HDBaseT, HDMI, and IEEE AVB.

These products are locally available through one of our channel network's 1600 locations nationwide. Belden and our channel partners also offer a number of technical and value-added services to ensure the successful planning, deployment, and profitability of AV installations.

## Table of Contents

|                                                         |              |                                                              |              |
|---------------------------------------------------------|--------------|--------------------------------------------------------------|--------------|
| <b>Audio Cable Solutions</b>                            | <b>3</b>     | CAT5E Unshielded Cabling System (Category 5e)                | 14           |
| Shielded Audio Cables — Stranded Conductor              | 3            | CAT5E Shielded Cabling System (Category 5e)                  | 14           |
| Analog Audio Cables — BeldFoil Shielded                 | 3            | CAT6+ Unshielded Cabling System (Category 6)                 | 15           |
| Analog Audio Cables — BeldFoil Shielded — Overall Braid | 3            | CAT6+ Shielded Cabling System (Category 6)                   | 15           |
| <b>Speaker Cable Solutions</b>                          | <b>4</b>     | CAT6+ KeyConnect Patch Panels (featuring designation strips) | 15           |
| Speaker Cables — Stranded Conductor                     | 4            | 10GX Unshielded Cabling System (Category 6A)                 | 16           |
| High-Flex Speaker Cables                                | 4            | 10GX Shielded Cabling System (Category 6A)                   | 16           |
| Speaker Cables — Solid Conductor                        | 4            | CAT6A KeyConnect Patch Panels (featuring designation strips) | 17           |
| <b>Video Distribution Solutions</b>                     | <b>5-6</b>   | Unshielded Patchcords                                        | 17           |
| HD-SDI Coax Cables                                      | 5            | Shielded Patchcords                                          | 17           |
| RGB Cables                                              | 6            | Unshielded Pre-Term Modular Cable Assemblies                 | 17           |
| <b>Video Display Solutions</b>                          | <b>7</b>     | Shielded Pre-Term Modular Cable Assemblies                   | 17           |
| S-Video Cable                                           | 7            | <b>REVConnect</b>                                            | <b>18-19</b> |
| Low Skew Cable                                          | 7            | Reliable, Easy, Versatile                                    | 18           |
| Nano Skew Patch Cords                                   | 7            | Ordering Information                                         | 19           |
| CATV Coax Cables                                        | 7            | <b>QSFP+/SFP+ Direct Attached Cables</b>                     | <b>20-21</b> |
| CCTV Coax Cables                                        | 7            | QSFP+/SFP+ Direct Attached Cables                            | 20           |
| <b>Coaxial Connectivity Solutions</b>                   | <b>8-9</b>   | Ordering Information                                         | 21           |
| BNC Compression Video Connectors                        | 8            | <b>Fiber Structured Cabling Solutions</b>                    | <b>22-23</b> |
| F Compression Video Connectors                          | 9            | Distribution/Mini-Breakout Cables                            | 22           |
| <b>Molded AV Assembly Solutions</b>                     | <b>10-11</b> | Central Loose Tube                                           | 22           |
| High Speed HDMI                                         | 10           | Tactical Fiber Cables                                        | 23           |
| Mini HDMI to Standard HDMI                              | 10           | FiberExpress Brilliance Universal Connectors                 | 23           |
| Micro HDMI to Standard HDMI                             | 10           | FiberExpress Brilliance Installation Kit                     | 23           |
| Perfect Path™ Locking HDMI - 700 Series                 | 10           | <b>Fiber-Optic Cabling Systems</b>                           | <b>24</b>    |
| Dual Link DVI-D                                         | 11           | FiberExpress Ultra Patch Panel Housings                      | 24           |
| Single Link DVI-D                                       | 11           | Standard Type-A Cassettes (Base12)                           | 24           |
| Dual Link DVI-I                                         | 11           | Standard Type-A-Alternate Cassettes (Base12)                 | 24           |
| Single Link DVI-I                                       | 11           | Standard Frames                                              | 24           |
| Standard VGA                                            | 11           | Standard Pigtail Kits                                        | 24           |
| <b>Media Automation and Lighting Control Solutions</b>  | <b>12-13</b> | <b>FiberExpress® Hydra Assemblies and Patch Cords</b>        | <b>25</b>    |
| AMX® Systems                                            | 12           | FX Patch Cords                                               | 25           |
| Lutron® Systems                                         | 12           | FiberExpress® MPO Trunk Cables                               | 25           |
| DMX® Systems                                            | 12           | <b>Belden® Power Distribution Units (PDUs)</b>               | <b>26-27</b> |
| Crestron® Systems                                       | 13           | Product Features and Accessories                             | 26           |
| Audio/Video over IP                                     |              | Ordering Information                                         | 27           |
| HDBaseT® Systems                                        | 13           | <b>Rack and Enclosure Systems</b>                            | <b>28</b>    |
| CobraNet™, Dante™, EtherSound™, Roland's DigitalSnake™  | 13           | Free Standing Enclosures                                     | 28           |
| <b>Copper Structured Cabling Solutions</b>              | <b>14-17</b> | Accessories                                                  | 28           |
| AV Multimedia Modules                                   | 14           | <b>Part Number Index</b>                                     | <b>29-31</b> |

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



## Audio Cable Solutions

Belden's wide array of audio cables range from high-performance, low-capacitance constructions to basic industry specifications for commercial use, short runs and non-mission critical applications. Belden pioneered the Easy Strip foil bonded to the jacket for ease of installation and now offers this feature on digital cables and 2-pair versions.

We also offer multi-pair bundled cables to simplify installation. We make these

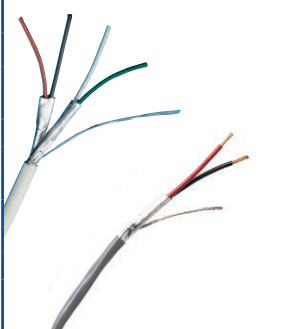
in ultra-flexible versions in PVC and halogen-free for the most demanding installation requirements. Up to 32-pair in analog or digital audio snakes will satisfy every designer and system integrator.

Often used in intercom systems, line level audio applications, and/or noisy environments, Belden's shielded audio solutions offer a number of options for protecting signals from EMI/RFI.

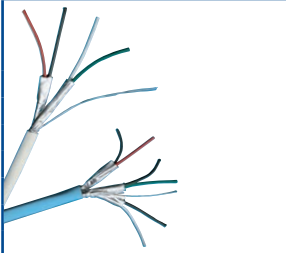


Belden uses a shorting fold technique to maintain metal-to-metal contact for improved high-frequency performance. Without the shorting fold, a slot is created through which signals can leak and cause interference.

### Shielded Audio Cables – Stranded Conductor

|                                                                                    |                                            | Conductor size<br>[mm <sup>2</sup> ] | Diameter<br>[mm] | Belden Part Number |        |
|------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|------------------|--------------------|--------|
|                                                                                    |                                            |                                      |                  | PVC                | LSZH   |
|  | 22 AWG, Bare Copper, 1 Pair, Shielded      | 0.33                                 | 3.2              | 5500FE             | 4500FE |
|                                                                                    | 20 AWG, Bare Copper, 1 Pair, Shielded      | 0.52                                 | 3.6              | 5400FE             | 4400FE |
|                                                                                    | 18 AWG, Bare Copper, 1 Pair, Shielded      | 0.83                                 | 4.2              | 5300FE             | 4300FE |
|                                                                                    | 16 AWG, Bare Copper, 1 Pair, Shielded      | 1.31                                 | 4.7              | 5200FE             | 4200FE |
|                                                                                    | 14 AWG, Bare Copper, 1 Pair, Shielded      | 2.08                                 | 5.7              | 5100FE             | 4100FE |
|                                                                                    | 12 AWG, Bare Copper, 1 Pair, Shielded      | 3.31                                 | 7.1              | 5000FE             | 4000FE |
|                                                                                    | 22 AWG, Bare Copper, 4 Conductor, Shielded | 0.33                                 | 3.7              | 5502FE             | 4502FE |
|                                                                                    | 20 AWG, Bare Copper, 4 Conductor, Shielded | 0.52                                 | 4.2              | 5402FE             | 4402FE |
|                                                                                    | 18 AWG, Bare Copper, 4 Conductor, Shielded | 0.83                                 | 4.8              | 5302FE             | 4302FE |
|                                                                                    | 16 AWG, Bare Copper, 4 Conductor, Shielded | 1.31                                 | 5.5              | 5202FE             | 4202FE |

### Analog Audio Cables – BeldFoil Shielded

|                                                                                     | Description                            | Conductor size<br>[mm <sup>2</sup> ] | Diameter<br>[mm] | Belden Part Number |       |         |
|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|------------------|--------------------|-------|---------|
|                                                                                     |                                        |                                      |                  | PVC                | LSZH  | LSZH-3C |
|  | 24 AWG, Bare Copper, 1 Pair, Shielded  | 0.22                                 | 3.1              |                    | 70030 | 70030CH |
|                                                                                     | 22 AWG, Bare Copper, 1 Pair, Shielded  | 0.33                                 | 3.5              | 70031E             | 70031 | 70031CH |
|                                                                                     | 26 AWG, Bare Copper, 2 Pair, Shielded  | 0.14                                 | 8.0              |                    | 70041 | 70041CH |
|                                                                                     | 26 AWG, Bare Copper, 4 Pair, Shielded  | 0.14                                 | 9.3              |                    | 70042 | 70042CH |
|                                                                                     | 26 AWG, Bare Copper, 8 Pair, Shielded  | 0.14                                 | 12.1             |                    | 70043 | 70043CH |
|                                                                                     | 26 AWG, Bare Copper, 10 Pair, Shielded | 0.14                                 | 13.0             | 70038              | 70039 | 70039CH |
|                                                                                     | 26 AWG, Bare Copper, 12 Pair, Shielded | 0.14                                 | 14.0             |                    | 70044 | 70044CH |

### Analog Audio Cables – BeldFoil Shielded – Overall Braid

|                                                                                     | Description                            | Conductor size<br>[mm <sup>2</sup> ] | Diameter<br>[mm] | Belden Part Number |       |         |
|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|------------------|--------------------|-------|---------|
|                                                                                     |                                        |                                      |                  | PVC                | LSZH  | LSZH-3C |
|  | 26 AWG, Bare Copper, 4 Pair, Shielded  | 0.14                                 | 9.9              |                    | 70032 | 70032CH |
|                                                                                     | 26 AWG, Bare Copper, 8 Pair, Shielded  | 0.14                                 | 12.5             |                    | 70033 | 70033CH |
|                                                                                     | 26 AWG, Bare Copper, 12 Pair, Shielded | 0.14                                 | 14.5             |                    | 70034 | 70034CH |
|                                                                                     | 26 AWG, Bare Copper, 16 Pair, Shielded | 0.14                                 | 16.4             |                    | 70035 | 70035CH |
|                                                                                     | 26 AWG, Bare Copper, 24 Pair, Shielded | 0.14                                 | 19.5             |                    | 70036 | 70036CH |
|                                                                                     | 26 AWG, Bare Copper, 40 Pair, Shielded | 0.14                                 | 22.0             |                    | 70037 | 70037CH |



# Speaker Cable Solutions

Belden offers speaker cables for a wide range of applications, including riser, plenum, indoor/outdoor, direct burial, and commercial and professional installations. All cables feature Electrolytic Tough Pitch (ETP) pure virgin copper construction (ASTM B3 and B8). We also offer Direct Burial speaker cable with ASTM B170 with ultra-high purity (99.995% pure), sometimes described as “oxygen-free (OFC)” copper.

We also offer larger gauges up to 10 AWG in a UL-safety recognized construction, and also offer Class 2 or Class 3 wiring for high-power amplifiers that need this safety rating. Class 1 cables can be found in our Brilliance broadcast offering.



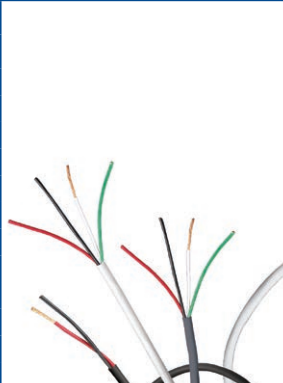
If you are unsure whether you should choose speaker cable with a solid or stranded conductor, consider the following:

Solid conductors avoid stray strands which can short out connections and the resistance of solid conductors is also lower than stranded, but stranded conductors are more flexible, which helps make installation easier.

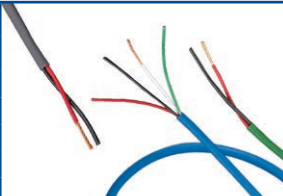
## Speaker Cables – Stranded Conductor

|  | Description                                 | Conductor size [mm²] | Diameter [mm] | Belden Part Number |        |
|------------------------------------------------------------------------------------|---------------------------------------------|----------------------|---------------|--------------------|--------|
|                                                                                    |                                             |                      |               | PVC                | LSZH   |
|                                                                                    | 18 AWG, Bare Copper, 2 Conductor, 7 strand  | 0.83                 | 4.0           | 5300UE             | 4300UE |
|                                                                                    | 18 AWG, Bare Copper, 4 Conductor, 7 strand  | 0.83                 | 4.7           | 5302UE             | 4302UE |
|                                                                                    | 16 AWG, Bare Copper, 2 Conductor, 19 strand | 1.31                 | 4.6           | 5200UE             | 4200UE |
|                                                                                    | 16 AWG, Bare Copper, 4 Conductor, 19 strand | 1.31                 | 5.4           | 5202UE             | 4202UE |
|                                                                                    | 14 AWG, Bare Copper, 2 Conductor, 19 strand | 2.08                 | 5.6           | 5100UE             | 4100UE |
|                                                                                    | 14 AWG, Bare Copper, 4 Conductor, 19 strand | 2.08                 | 6.8           | 5102UE             | 4102UE |
|                                                                                    | 12 AWG, Bare Copper, 2 Conductor, 19 strand | 3.31                 | 6.8           | 5000UE             | 4000UE |
|                                                                                    | 10 AWG, Bare Copper, 2 Conductor, 65 strand | 5.26                 | 9.0           | 5T00UP             | 4T00UP |

## High-Flex Speaker Cables

|  | Description                                 | Conductor size [mm²] | Diameter [mm] | Belden Part Number |       |
|-------------------------------------------------------------------------------------|---------------------------------------------|----------------------|---------------|--------------------|-------|
|                                                                                     |                                             |                      |               | PVC                | LSZH  |
|                                                                                     | 18 AWG, Bare Copper, 2 Conductor, 42strand  | 0.83                 | 4.7           | 5300UP             |       |
|                                                                                     | 18 AWG, Bare Copper, 4 Conductor, 42 strand | 0.83                 | 5.5           | 5302UP             |       |
|                                                                                     | 16 AWG, Bare Copper, 2 Conductor, 65 strand | 1.31                 | 5.3           | 5200UP             |       |
|                                                                                     | 16 AWG, Bare Copper, 4 Conductor, 65 strand | 1.31                 | 6.2           | 5202UP             |       |
|                                                                                     | 14 AWG, Bare Copper, 2 Conductor, 42 strand | 2.08                 | 6.8           | 5100UP             |       |
|                                                                                     | 14 AWG, Bare Copper, 4 Conductor, 42 strand | 2.08                 | 8.0           | 5102UP             |       |
|                                                                                     | 12 AWG, Bare Copper, 2 Conductor, 65 strand | 3.31                 | 7.7           | 5000UP             |       |
|                                                                                     | 10 AWG, Bare Copper, 2 Conductor, 65 strand | 5.26                 | 9.0           | 5T00UP             |       |
|                                                                                     | 15 AWG, Bare Copper, 2 Conductor, 30 strand | 1.5                  | 6.3           |                    | 70045 |
|                                                                                     | 13 AWG, Bare Copper, 2 Conductor, 50 strand | 2.5                  | 7.3           |                    | 70046 |
|                                                                                     | 13 AWG, Bare Copper, 4 Conductor, 50 strand | 2.5                  | 8.5           |                    | 70047 |
|                                                                                     | 11 AWG, Bare Copper, 2 Conductor, 56 strand | 4.0                  | 8.6           |                    | 70048 |

## Speaker Cables – Solid Conductor

|  | Description                      | Conductor size [mm²] | Diameter [mm] | Belden Part Number |  |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------|---------------|--------------------|--|
|                                                                                     |                                  |                      |               | PVC                |  |
|                                                                                     | 22 AWG, Bare Copper, 2 Conductor | 0.33                 | 2.9           | 5520UE             |  |
|                                                                                     | 22 AWG, Bare Copper, 4 Conductor | 0.33                 | 3.3           | 5522UE             |  |
|                                                                                     | 18 AWG, Bare Copper, 2 Conductor | 0.83                 | 3.6           | 5320UE             |  |
|                                                                                     | 18 AWG, Bare Copper, 3 Conductor | 0.83                 | 3.8           | 5321UE             |  |
|                                                                                     | 18 AWG, Bare Copper, 4 Conductor | 0.83                 | 4.2           | 5322UE             |  |

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



## Video Distribution Solutions

AV and security system integrators are increasingly selecting compression connectors, which can be problematic when used with traditional foil design coaxial cables. The foil can bunch up when inserted into compression connectors or, if the foil is left in place, foil “stringers” can result, which can short the cable’s center conductor.

The Belden’s HD Coax cable design includes a tinned copper braid shield (85 percent coverage) and bonded Duofoil® shield (100 percent coverage) for effective shielding

in higher frequency applications. The bonded foil shield simplifies termination with one-piece connectors.

Belden’s best-in-class, high-density foaming technology ensures reliable signal integrity and better video images while also providing superior crush resistance, concentricity and conductor adhesion for more stable performance.

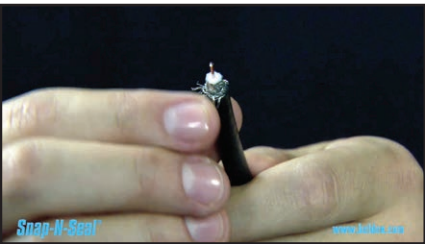
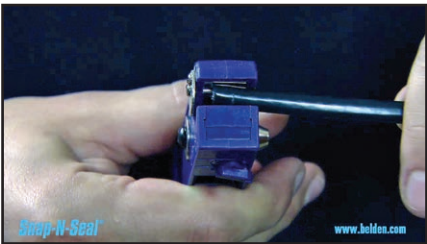
The cables are available in ten colors: Black, White, Red, Green, Blue, Yellow, Orange, Violet, Brown, and Grey.

Designed specifically for use with compression connectors, Belden HD Coax cables feature a foil shield that is securely bonded to the core, making stripping and terminating easier while eliminating the risk of foil stringers and shorting.



### HD-SDI Coax Cables

| Description                                 | Diameter [mm] | Belden Part Number |         |             |            |               |                  |            |  |
|---------------------------------------------|---------------|--------------------|---------|-------------|------------|---------------|------------------|------------|--|
|                                             |               | PVC                | LSZH    | BNC         | RCA        | F - connector | Compression Tool | Strip Tool |  |
| Easy Connect Pro 0.6/2.8, Bonded Foil, 6GHz | 4.50          | 70080              | 70080NH | FSNS15BNC   | FSRCA15RGB | FSNS15        | CPLCCT-SLM       | LDT-MINI   |  |
| Easy Connect Pro 0.8/3.7, Bonded Foil, 6GHz | 5.90          | 70081              | 70081NH | FSNS59BNCU  | FSNS59RCAU | FSNS59U       | CPLCCT-SLM       | LDT596-250 |  |
| Easy Connect Pro 1.0/4.6, Bonded Foil, 6GHz | 6.96          | 70082              | 70082NH | FSNS68BNCU  | FSNS68RCAU | FSNS6U        | CPLCCT-SLM       | LDT596-250 |  |
| Easy Connect Pro 1.6/7.3, Bonded Foil, 6GHz | 10.30         | 70084              | 70084NH | FSNS110HBNC | -          | 716SNS1P11HQ  | SNSUNI           | SDT11-250  |  |



Belden introduces a completely new connector family under the Snap-N-Seal brand featuring industry-leading design elements from both Snap-N-Seal and F-Conn products. Installations in commercial and residential A/V, security, and broadband markets will be a “snap,” thanks to the low compression force associated with traditional Snap-N-Seal connectors along with the patented non-blind entry with floating pin design from F-Conn. ProSNS is designed to fit all constructions of Mini/RGB, RG59, RG6, and RG11 cable. All pre-existing Cable Pro tools are compatible with ProSNS, making it the most broad and diverse product offering under the Snap-N-Seal umbrella.

## Video Distribution Solutions *(continued)*

Belden's 75-ohm RGB/VGA cables offer greater signal integrity and lower loss in high-frequency, long-distance transmissions. Our patented Banana Peel® unjacketed construction delivers ease of installation and reliable performance in large-screen video, HDTV, CAD and special effects video applications. Many of these are suitable for VGA and higher-resolution graphics applications. In other words, if you have a component-video application, we have many solutions available.

Belden offers Mini Hi-Res coax in jacketed or Banana Peel constructions. Jacketed constructions are more protective of the individual coaxes because of the overall jacket. Banana Peel is Belden's patented technology where each cable is bundled and affixed to a center spline, eliminating the need for an overall jacket. During installation, the installer can peel each component away from the center for easier termination. Banana Peel has a smaller OD, occupies less space in the conduit and has a better bend radius than traditional jacketed products.



### RGB Cables

|  | Description                 | Key Attributes | Diameter [mm] | Belden Part Number |              |        |                  |            |
|-------------------------------------------------------------------------------------|-----------------------------|----------------|---------------|--------------------|--------------|--------|------------------|------------|
|                                                                                     |                             |                |               | Cable              | Connectivity |        |                  |            |
|                                                                                     |                             |                |               | PVC                | BNC          | RCA    | Compression Tool | Strip Tool |
|                                                                                     | (1) 25 AWG Mini Hi-Res Coax | Overall Jacket | 2.90          | 1281R              | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (3) 25 AWG Mini Hi-Res Coax | Overall Jacket | 8.10          | 1277R              | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (4) 25 AWG Mini Hi-Res Coax | Overall Jacket | 8.90          | 1278R              | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (5) 25 AWG Mini Hi-Res Coax | Overall Jacket | 9.70          | 1279R              | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (6) 25 AWG Mini Hi-Res Coax | Overall Jacket | 10.70         | 1280R              | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (3) 25 AWG Mini Hi-Res Coax | Banana Peel    | 6.25          | 1281S3             | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (5) 25 AWG Mini Hi-Res Coax | Banana Peel    | 7.80          | 1281S5             | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |
|                                                                                     | (6) 25 AWG Mini Hi-Res Coax | Banana Peel    | 8.70          | 1281S6             | FS1BNC       | FS1RCA | CPLCCT-SLM       | LDT-MINI   |

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



## Video Display Solutions

Belden offers a wide selection of 75-ohm coax for broadband CATV and MSO applications.

Even with high definition TV, S-Video, a legacy cable, has not totally been replaced. There is still a market for these cables used for standard definition video.

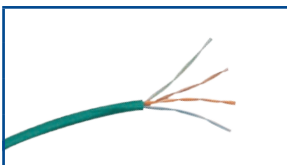
Belden offers S-Video cables in both flat or round constructions. Each option has its advantages. A round construction is easier to handle, more flexible, and arguably looks better. A flat construction takes up less area/space and can be split apart easier for termination. Historically, Belden customers prefer the flat S-Video option.



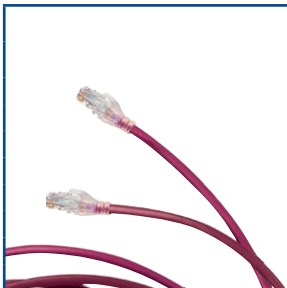
### S-Video Cables

|  | Description                            | Diameter [mm] | Belden Part Number |       |
|-----------------------------------------------------------------------------------|----------------------------------------|---------------|--------------------|-------|
|                                                                                   |                                        |               | PVC                |       |
|                                                                                   | S-Video 30 AWG Coax Twin Parallel Flat | 2.8 x 5.8     |                    | 1807A |
|                                                                                   | S-Video 30 AWG Coax Round              | 6.45          |                    | 1808A |

### Low Skew Cable

|  | Description                         | Diameter [mm] | Belden Part Number |         |              |
|-------------------------------------------------------------------------------------|-------------------------------------|---------------|--------------------|---------|--------------|
|                                                                                     |                                     |               | Cable              |         | Connectivity |
|                                                                                     |                                     |               | PVC                | LSZH    | RJ-45 Plugs  |
|                                                                                     | AWG24, bonded pair, Skew 2.2ns      | 4.95          | 7987R              | YM53479 | R301602      |
|                                                                                     | AWG24, bonded pair, Cat5e, Skew 9ns | 5.20          | 7988R              |         | R301602      |

### Nano Skew Patch Cords

|  | Description          | Length [m] | Belden Part Number |          |
|-------------------------------------------------------------------------------------|----------------------|------------|--------------------|----------|
|                                                                                     |                      |            | PVC                |          |
|                                                                                     | NANOSKEW CMR UTP/3   | 0.9        |                    | AC303569 |
|                                                                                     | NANOSKEW CMR UTP/6   | 1.8        |                    | AC303570 |
|                                                                                     | NANOSKEW CMR UTP/12  | 3.7        |                    | AC303571 |
|                                                                                     | NANOSKEW CMR UTP/25  | 7.6        |                    | AC303572 |
|                                                                                     | NANOSKEW CMR UTP/35  | 10.7       |                    | AC303573 |
|                                                                                     | NANOSKEW CMR UTP/50  | 15.2       |                    | AC303574 |
|                                                                                     | NANOSKEW CMR UTP/75  | 22.8       |                    | AC303575 |
|                                                                                     | NANOSKEW CMR UTP/100 | 30.5       |                    | AC303576 |

### CATV Coax Cables

|  | Description                                | Screening Class | Diameter [mm] | Belden Part Number |         |              |                  |            |
|-------------------------------------------------------------------------------------|--------------------------------------------|-----------------|---------------|--------------------|---------|--------------|------------------|------------|
|                                                                                     |                                            |                 |               | Cable              |         | Connectivity |                  |            |
|                                                                                     |                                            |                 |               | PVC                | LSZH    | F-connector  | Compression Tool | Strip Tool |
|                                                                                     | H121, 0.8/3.5, Bare Copper, Trishield      | Class A+        | 5.00          | H121T00            | H121T01 | CMPMC37      | VT-200           | LDT596-250 |
|                                                                                     | RG59, 0.8/3.7, CCS, Duobond II             | Class B         | 6.00          | 9100               | -       | FSNS59U      | CPLCCT-SLM       | LDT596-250 |
|                                                                                     | RG6, 1.0/4.6, CCS, DuoBond II              | Class B         | 6.90          | 9116               | -       | FSNS6U       | CPLCCT-SLM       | LDT596-250 |
|                                                                                     | H126, 1.0/4.6, Bare Copper, Trishield      | Class A+        | 6.90          | H126T00            | H126T01 | FSNS6U       | CPLCCT-SLM       | LDT596-250 |
|                                                                                     | H125, 1.0/4.8, Bare Copper, DuobondPlus®   | Class A+        | 6.90          | H125D00            | H125D01 | EX651XLNT    | VT-200           | LDT596-250 |
|                                                                                     | COAX 9, 1.1/4.8, Bare Copper, DuobondPlus® | Class A+        | 7.10          | CX9D0              | CX9D1   | EX651XLNT    | VT-200           | LDT596-250 |
|                                                                                     | RG11, 1.55/7.2, Bare Copper, DuobondPlus®  | Class A+        | 10.10         | PRG11D0            | PRG11D1 | 716SNS1P11H  | SNSUNI           | SDT11-250  |
|                                                                                     | RG11, 1.63/7.1, CCS, Duobond II            | Class A         | 10.10         | 1523A              | -       | 716SNS1P11H  | SNSUNI           | SDT11-250  |

### CCTV Coax Cables

|  | Description                                     | Diameter [mm] | Belden Part Number |        |              |             |                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------|--------------------|--------|--------------|-------------|------------------|
|                                                                                     |                                                 |               | Cable              |        | Connectivity |             |                  |
|                                                                                     |                                                 |               | PVC                | LSZH   | BNC          | F-connector | Compression Tool |
|                                                                                     | RG59 20 AWG Solid BC 95% Braid Shield           | 5.90          | 543945             | 443945 | FSNS59BNC SL | FSNS59U     | CPLCCT-SLM       |
|                                                                                     | RG59 20 AWG Solid BC 95% Braid Shield + 2xAWG18 | 5.9x11.4      | 549945             | 449945 | FSNS59BNC SL | FSNS59U     | CPLCCT-SLM       |
|                                                                                     | RG6 18AWG Solid BC 95% Braid Shield             | 6.80          | 533945             | 433945 | FSNS6BNCU    | FSNS6U      | CPLCCT-SLM       |
|                                                                                     | RG6 18AWG Solid BC 95% Braid Shield + 2xAWG18   | 6.8x12.3      | 539945             | 439945 | FSNS6BNCU    | FSNS6U      | CPLCCT-SLM       |



# Coaxial Connectivity Solutions

Belden is the brand professional cable installers trust as a world-class manufacturer of signal transmission products and connectivity solutions. Belden offers quality products to provide superior signal performance for the Professional Audio-Video, Security, and

Satellite/CATV markets. The ProSNS™/FS Series and Double Bubble™ connector brands feature F, RCA and BNC connectors for RG11, RG6, RG59 and RGB/Mini Coax for standard through quad-shield (universal) and plenum cables. These connector brands, coupled with Belden

cables, cable prep tools, and compression tools are all designed specifically to maximize signal integrity, ensure quality, performance and durability while providing customers with unparalleled end-to-end performance.

## BNC Compression Video Connectors

|                                                                                     | Description                                                                | Cable Type | Color Band | Belden Part Number |             |            |           |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------|------------|--------------------|-------------|------------|-----------|
|                                                                                     |                                                                            |            |            | ProSNS Tool        | ProSNS      | DB Tool    | DB        |
|   | 1-Piece BNC Compression Connector for 24-26AWG Cable                       | Mini Coax  | Orange     | CPLCCT-SLM         | FS1BNC*     | CPLCRBC-BR | DB1BNC*   |
|                                                                                     | Multi-Piece BNC Compression Connector for 24-26AWG Cable                   | Mini Coax  | Orange     | CPLCCT-SLM         | FSBNC1RGB   | CPLCRBC-BR | —         |
|                                                                                     | Right Angle BNC Compression Connector for 24-26AWG Cable                   | Mini Coax  | Orange     | CPLCCT-SLM         | FSBNC1RA    | CPLCRBC-BR | —         |
|                                                                                     | Splice BNC Compression Connector for 24-26AWG Cable                        | Mini Coax  | Orange     | CPLCCT-SLM         | FS1BNCSSST  | CPLCRBC-BR | —         |
|                                                                                     | 1-Piece BNC Compression Connector for 22-24AWG Cable                       | Mini Coax  | Purple     | CPLCCT-SLM         | FSNS15BNC*  | CPLCRBC-BR | DB15BNCHD |
|                                                                                     | Multi-Piece BNC Compression Connector for 22-24AWG Cable                   | Mini Coax  | Purple     | CPLCCT-SLM         | FSBNC15RGB  | CPLCRBC-BR | —         |
|                                                                                     | Right Angle BNC Compression Connector for 22-24AWG Cable                   | Mini Coax  | Purple     | CPLCCT-SLM         | FSBNC15RA   | CPLCRBC-BR | —         |
|                                                                                     | Splice BNC Compression Connector for 22-24AWG Cable                        | Mini Coax  | Purple     | CPLCCT-SLM         | FS15BNCSSST | CPLCRBC-BR | —         |
|  | Universal BNC Compression Connector for Standard through Quad-Shield Cable | RG-59      | Red        | CPLCCT-SLM         | FSNS59BNCU  | CPLCRBC-BR | DB59BNCU  |
|                                                                                     | Universal BNC Right Angle Compression Connector                            | RG-59      | Red        | CPLCCT-SLM         | FSBNC59URA  | CPLCRBC-BR | —         |
|                                                                                     | Universal BNC Splice Compression Connector                                 | RG-59      | Red        | CPLCCT-SLM         | FS59BNCUS   | CPLCRBC-BR | —         |
|  | Universal BNC Compression Connector for Standard through Quad-Shield Cable | RG-6       | Green      | CPLCCT-SLM         | FSNS6BNCU   | CPLCRBC-BR | DB6BNCU   |
|                                                                                     | Universal BNC Right Angle Compression Connector                            | RG-6       | Green      | CPLCCT-SLM         | FSBNC6URA   | —          | —         |
|                                                                                     | Universal BNC Splice Compression Connector                                 | RG-6       | Green      | CPLCCT-SLM         | FS6BNCUS    | —          | —         |
|                                                                                     | Universal BNC Connector for Standard through Quad-Shield Cable             | RG-11      | Black      | SNSUNI             | FSNS11HBNC  | —          | —         |
|                                                                                     | BNC Compression Connector for RG-11 Quad-Shield Cable                      | RG-11      | Purple     | SNSUNI             | FSNS11QHBNC | —          | —         |

\*1-Piece mini coax connectors are designed for solid center conductor wire only

Belden offers RCA connectors for most coaxial cable constructions including the cables referenced in the chart above. For more information on available RCA connectors, please call Belden Technical Support +31 (0) 77 3875 414 .



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



## F Compression Video Connectors

| Description                                                                         |                                                                                  | Cable Type | Color Band | Adapter Tip | Part Number |              |            |          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------|------------|-------------|-------------|--------------|------------|----------|
|                                                                                     |                                                                                  |            |            |             | ProSNS Tool | ProSNS       | DB Tool    | DB       |
|   | 1-Piece F Compression Connector for 22-24AWG Cable                               | Mini Coax  | Purple     | LMTIP-S     | CPLCCT-SLM  | FSNS15*      | CPLCRBC-BR | DB15-25  |
|                                                                                     | Universal F Compression Connector for Standard through Quad-Shield Cable         | RG-59      | Red        | LMTIP-S     | CPLCCT-SLM  | FSNS59U      | CPLCRBC-BR | DB59U-25 |
|                                                                                     | Universal F Right Angle Compression Connector                                    | RG-59      | Red        | LMTIP-RA    | CPLCCT-SLM  | FSNS59URA    | —          | —        |
|                                                                                     | Universal F Splice Compression Connector                                         | RG-59      | Red        | LMTIP-WP    | CPLCCT-SLM  | FS59US       | —          | —        |
|  | Universal F Compression Connector for Standard through Quad-Shield Cable         | RG-6       | Green      | LMTIP-S     | CPLCCT-SLM  | FSNS6BNCU    | CPLCRBC-BR | DB6U-25  |
|                                                                                     | Universal F Right Angle Compression Connector                                    | RG-6       | Green      | LMTIP-RA    | CPLCCT-SLM  | FSBNC6URA    | —          | —        |
|                                                                                     | Universal F Splice Compression Connector                                         | RG-6       | Green      | LMTIP-WP    | CPLCCT-SLM  | FS6BNCUS     | —          | —        |
|  | 7/16" Universal F Compression Connector for Standard through Quad-Shield Cable   | RG-11      | Black      | —           | SNSUNI      | 716SNS1P11H  | —          | —        |
|                                                                                     | 7/16" F Compression Connector for RG-11 Quad-Shield Cable                        | RG-11      | Purple     | —           | SNSUNI      | 716SNS1P11HQ | —          | —        |
|                                                                                     | 7/16" F Right Angle Compression Connector for Standard through Quad-Shield Cable | RG-11      | Black      | —           | SNSUNI      | 90SNS1P11H   | —          | —        |
|                                                                                     | 9/16" Universal F Connector for Standard through Quad-Shield Cable               | RG-11      | Black      | —           | SNSUNI      | SNS1P11H     | —          | —        |

\*1-Piece mini coax connectors are designed for solid center conductor wire only

Belden offers RCA connectors for most coaxial cable constructions including the cables referenced in the above chart. For more information on available RCA connectors, please call Belden Technical Support +31 (0) 77 3875 414 .

# Molded AV Assembly Solutions

Belden, the leader in professional audio/video signal transmission technology, introduces high performance Molded AV Assemblies to its portfolio of products. Belden now offers HDMI, DVI, and VGA assemblies, in a wide variety of lengths to meet the increasing needs of commercial and professional AV installations. All assemblies meet Belden's rigorous performance standards to ensure reliability in the field.

**Patented PerfectPath™ Locking High Speed HDMI** stays connected with up to 11 kg of retention in the port.  
To engage the lock, push the connector body forward. To disengage, pull connector body backward.



## High Speed HDMI

|  | Description                                                                 | Belden Part Number |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------|
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 1 m             | HDE001MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 1.5 m           | HDE002MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 3 m             | HDE003MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 5 m*            | HDE005MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 7 m*            | HDE007MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 10 m*           | HDE010MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 15 m*           | HDE015MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 20 m*           | HDE020MB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 1.5 ft., 0.45 m | HDE002FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 3 ft., 0.9 m    | HDE003FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 6 ft., 1.8 m    | HDE006FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 8 ft., 2.4 m    | HDE008FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 10 ft., 3.0 m   | HDE010FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 15 ft., 4.6 m   | HDE015FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 25 ft., 7.6 m   | HDE025FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 35 ft., 10.7 m  | HDE035FB           |
|                                                                                     | High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 50 ft., 15.2 m  | HDE050FB           |

\* Assemblies over 5 meters are active and directional.

## Mini HDMI to Standard HDMI

|  | Description                       | Belden Part Number |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------|
|                                                                                     | Mini HDMI to Standard HDMI, 1 m   | HDM001MB           |
|                                                                                     | Mini HDMI to Standard HDMI, 1.5 m | HDM002MB           |
|                                                                                     | Mini HDMI to Standard HDMI, 3 m   | HDM003MB           |

## Micro HDMI to Standard HDMI

|  | Description                        | Belden Part Number |
|-------------------------------------------------------------------------------------|------------------------------------|--------------------|
|                                                                                     | Micro HDMI to Standard HDMI, 1 m   | HDC001MB           |
|                                                                                     | Micro HDMI to Standard HDMI, 1.5 m | HDC002MB           |
|                                                                                     | Micro HDMI to Standard HDMI, 3 m   | HDC003MB           |

## Perfect Path™ Locking HDMI - 700 Series

|  | Description                                                | Belden Part Number |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------|
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 2 ft., 0.6 m   | HD-700-2           |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 4 ft., 1.2 m   | HD-700-4           |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 8 ft., 2.4 m   | HD-700-8           |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 16 ft., 4.8 m  | HD-700-16          |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 25 ft., 7.6 m  | HD-700-25          |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 35 ft., 10.7 m | HD-700-35          |
|                                                                                     | High Speed HDMI w/ PerfectLock™ Connectors, 50 ft., 15.2 m | HD-700-50          |

Features Perfect Lock™ locking connectors with 11 kg retention.

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



### Dual Link DVI-D

|  | Description                                                                              | Belden Part Number |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 1 m             | DDD001MB           |
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 2 m             | DDD002MB           |
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 3 m             | DDD003MB           |
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 5 m             | DDD005MB           |
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 1.5 ft., 0.45 m | DDD002FB           |
|                                                                                   | Dual Link DVI-D, digital, supports resolutions up to 2560 x 1600 pixels, 13 ft., 4.0 m   | DDD013FB           |

### Single Link DVI-D

|  | Description                                                                              | Belden Part Number |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------|
|                                                                                    | Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 3 ft., 0.9 m  | DSD003FB           |
|                                                                                    | Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 6 ft., 1.8 m  | DSD006FB           |
|                                                                                    | Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 10 ft., 3.0 m | DSD010FB           |
|                                                                                    | Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 13 ft., 4.0 m | DSD013FB           |
|                                                                                    | Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 15 ft., 4.6 m | DSD015FB           |

### Dual Link DVI-I

|  | Description                                                                         | Belden Part Number |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
|                                                                                     | Dual Link DVI-I, analog/digital, supports resolutions up to 2560 x 1600 pixels, 2 m | DDI002MB           |
|                                                                                     | Dual Link DVI-I, analog/digital, supports resolutions up to 2560 x 1600 pixels, 3 m | DDI003MB           |
|                                                                                     | Dual Link DVI-I, analog/digital, supports resolutions up to 2560 x 1600 pixels, 5 m | DDI005MB           |

### Single Link DVI-I

|  | Description                                                                           | Belden Part Number |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
|                                                                                     | Single Link DVI-I, analog/digital, supports resolutions up to 1920 x 1200 pixels, 2 m | DSI002MB           |
|                                                                                     | Single Link DVI-I, analog/digital, supports resolutions up to 1920 x 1200 pixels, 3 m | DSI003MB           |
|                                                                                     | Single Link DVI-I, analog/digital, supports resolutions up to 1920 x 1200 pixels, 5 m | DSI005MB           |

### Standard VGA

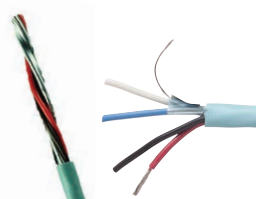
|  | Description                                                                  | Belden Part Number |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------|
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 3 ft., 0.9 m    | VGA003FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 6 ft., 1.8 m    | VGA006FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 10 ft., 3.0 m   | VGA010FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 12 ft., 3.7 m   | VGA012FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 15 ft., 4.6 m   | VGA015FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 20 ft., 6.1 m   | VGA020FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 25 ft., 7.9 m   | VGA025FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 35 ft., 10.7 m  | VGA035FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 40 ft., 12.2 m  | VGA040FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 50 ft., 15.2 m  | VGA050FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 75 ft., 22.9 m  | VGA075FB           |
|                                                                                     | Standard VGA, supports resolutions up to 2048 x 1536 pixels, 100 ft., 30.5 m | VGA100FB           |

# Media Automation and Lighting Control Solutions

Automation and lighting control are growing rapidly in commercial buildings because of their ability to reduce energy consumption and cost. More sophisticated and complex systems are

often integrated with HVAC and/or security systems as well. Belden now offers cables that work seamlessly with AMX®, Lutron®, DMX®, and Crestron® systems.

## AMX® Systems

|                                                                                    | Description     | Cable Construction                                           | Link length | Belden Part Number |                               |
|------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------|-------------|--------------------|-------------------------------|
|                                                                                    |                 |                                                              |             | PVC                | LSZH                          |
|  | AXLINK™         | 22 AWG, BC, 1 Shielded Pair (100Ω) + 18 AWG, BC, 2 Conductor |             | 1392A              | -                             |
|                                                                                    |                 | 22 AWG, TC, 1 Shielded Pair (100Ω) + 18 AWG, TC, 2 Conductor |             | 1502R              | -                             |
|                                                                                    | DXLink™, 2K HD  | -F/UTP<br>-F/UTP Cat6+<br>Category 6 Shielded Cable          | 100 m       | 7860E<br>2412F     | 7860ENH                       |
|                                                                                    | DXLink™, 4K UHD | -F/UTP<br>-F/FTP<br>-S/FTP<br>Category 6A Shielded Cable     | 80 m        | 10GX62F            | 10GXE00<br>10GXE01<br>10GXE02 |

## Lutron® Systems

|                                                                                     | Description                                   | Cable Construction                                        | Belden Part Number |      |
|-------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------|--------------------|------|
|                                                                                     |                                               |                                                           | PVC                | LSZH |
|  | EcoSystem®, Bus Cable                         | 16 AWG, 2 Conductor                                       | 1382LA             | -    |
|                                                                                     | EcoSystem®, Sensor Cable                      | 22 AWG, 5 Conductor                                       | 1384LA             | -    |
|                                                                                     | Homeworks® and/or Grafik Eye® 3000            | 18 AWG, 2 Conductor + 22 AWG, 1 Shielded Pair             | 1385LA             | -    |
|                                                                                     | Grafik Eye® 4000/5000/6000                    | 22 AWG, 1 Pair + 12 AWG, 2 Conductor + 18AWG, 1 Conductor | 1386LA             | -    |
|                                                                                     | Sivoia® QS                                    | 18 AWG, 2 Conductor + 22 AWG, 1 Shielded Pair             | 1387LA             | -    |
|                                                                                     | Sivoia® QS, Motor Drive Unit                  | 22 AWG Triad + 16 AWG, 2 Conductor + 18 AWG, 1 Conductor  | 1388LA             | -    |
|                                                                                     | Homeworks® and/or Sivoia® QED, EUD and Keypad | 18 AWG Quad + 16 AWG, 2 Conductor + 18 AWG, 1 Conductor   | 1389LA             | -    |

## DMX® Systems

|                                                                                     | Description                                  | Cable Construction | Belden Part Number |         |
|-------------------------------------------------------------------------------------|----------------------------------------------|--------------------|--------------------|---------|
|                                                                                     |                                              |                    | PVC                | LSZH    |
|  | RS-485 Cable for Theatrical Lighting Control | 24 AWG, 1 Pair     | 9841               | 9841NH  |
|                                                                                     | RS-485 Cable for Theatrical Lighting Control | 24 AWG, 2 Pair     | 9842               | 9842NH  |
|                                                                                     | RS-485 Cable for Theatrical Lighting Control | 22 AWG, 1 Pair     | 3105A              | 3105ENH |
|                                                                                     | RS-485 Cable for Theatrical Lighting Control | 22 AWG, 2 Pair     | 3107A<br>BE43906   | 3107ENH |

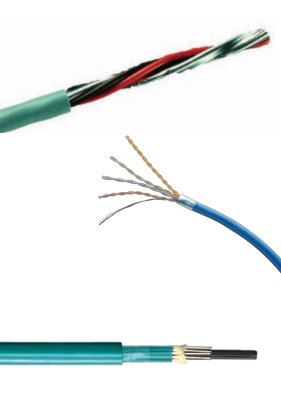
AMX, AXLINK, and DXLink are either trademarks or registered trademarks of AMX, LLC registered in the U.S. and other countries. DMX is either a trademark or a registered trademark of DMX, Inc. EcoSystem, HomeWorks, Grafik Eye, Sivoia, and Lutron are either trademarks or registered trademarks of Lutron Electronics Co., Inc.



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



## Crestron® Systems

|                                                                                   | Description                                                                                                               | Cable Construction                                                                                                           | Media            | Belden Part Number |             | Connectivity                        |                                     |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|-------------|-------------------------------------|-------------------------------------|
|                                                                                   |                                                                                                                           |                                                                                                                              |                  | PVC                | LSZH        | LC                                  | SC                                  |
|  | CresFiber - 8G OR DigitalMedia 8G™ Fiber solutions, as well as standard DigitalMedia™ Fiber and Crestron HDMI® over Fiber | Breakout, 4 x OM4                                                                                                            | Fiber            | F4B004RBA          | GIBTE04     | AX105202-B25 + Boot<br>AX105214-B25 | AX105207-B25 + Boot<br>AX105214-B25 |
|                                                                                   | Cresnet™ -DM-8G for the wiring of DigitalMedia 8G+®, HDBaseT®, and Sonnex® systems                                        | Cat5e, Shielded, F/UTP                                                                                                       | Copper           | 1212F              | 10GXE00     |                                     |                                     |
|                                                                                   | Cresnet™-DM for use with Crestron CLW-series wall box dimmers and switches.                                               | 22 AWG, 1 Shielded Pair                                                                                                      | Copper           | 8451               | 70050       |                                     |                                     |
|                                                                                   | Cresnet™ for use in the wiring of a Cresnet® control network.                                                             | 22 AWG, BC, 1 Shielded Pair (100Ω) + 18 AWG, BC, 2 Conductor<br>22 AWG, TC, 1 Shielded Pair (100Ω) + 18 AWG, TC, 2 Conductor | Copper<br>Copper | 1392A<br>1502R     | -<br>1502SB |                                     |                                     |

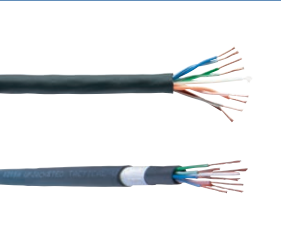
Cresnet, CresFiber, and Digital Media (DM) are trademarks or registered trademarks of Crestron Electronics, Inc in the U.S. and other countries.

## Audio/Video over IP

### HDBaseT® Systems

|                                                                                     | Cable Construction                              | Diameter [mm]            | Belden Part Number |                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------|--------------------|-------------------------------|
|                                                                                     |                                                 |                          | PVC                | LSZH                          |
|  | Cat5e, F/UTP, AWG 24                            | 6.0                      | 1633E              | 1633ENH                       |
|                                                                                     | Cat6A, S/FTP, flex                              | 7.9                      | 1302E              | -                             |
|                                                                                     | Cat6A, S/FTP, flex, upjacketed                  | 8.7                      | 1303E              | -                             |
|                                                                                     | Cat6A, S/FTP, flex, upjacketed PUR              | 8.7                      | 1303EPU            | -                             |
|                                                                                     | 10GX / Cat6A, AWG 23 -F/UTP<br>-F/FTP<br>-S/FTP | 7.62 / 7.2<br>7.0<br>7.0 | 10GX62F            | 10GXE00<br>10GXE01<br>10GXE02 |
|                                                                                     | HDBaseT, F/UTP, Corrugated FLEX Shield          | 7.37                     | 2183R              | -                             |

### CobraNet™ Dante™ EtherSound™ Roland's DigitalSnake™

|                                                                                     | Cable Construction                 | Diameter [mm] | Belden Part Number |
|-------------------------------------------------------------------------------------|------------------------------------|---------------|--------------------|
|                                                                                     |                                    |               | PVC                |
|  | Cat5e, U/UTP, flex                 | 6.35          | 1304A              |
|                                                                                     | Cat5e, U/UTP, flex, upjacketed     | 7.62          | 1305A              |
|                                                                                     | Cat6A, S/FTP, flex                 | 7.9           | 1302E              |
|                                                                                     | Cat6A, S/FTP, flex, upjacketed     | 8.7           | 1303E              |
|                                                                                     | Cat6A, S/FTP, flex, upjacketed PUR | 8.7           | 1303EPU            |

# Copper Structured Cabling Solutions

Belden Copper Networking Systems are available with the following wide range of components including cable, RJ45 plugs, cable assemblies, RJ45 connectors,

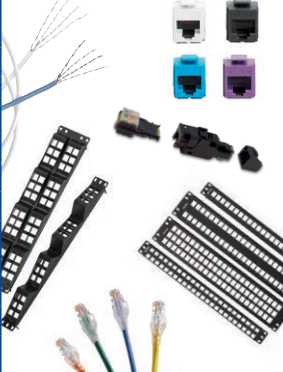
patch cords and faceplates. Below and on the following page we have included a selection of products that is most often used in Commercial AV applications. For

more information on our product offering please visit [www.beldensolutions.com](http://www.beldensolutions.com) or call **+31 (0) 77 3875 414** to request a IBDN Copper Connectivity Solutions Catalog.

## AV Multimedia Modules

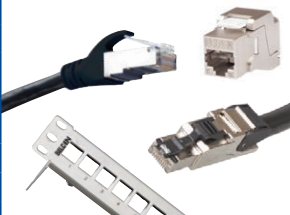
|                                                                                    | Description                              | Belden Part Number |             |             |
|------------------------------------------------------------------------------------|------------------------------------------|--------------------|-------------|-------------|
|                                                                                    |                                          | Almond             | Elec. White | Black       |
|  | 3.5mm Audio Coupler, F/F, Gold           | AX105334-AL        | AX105334-EW | AX105334-BK |
|                                                                                    | 3.5mm Audio Coupler, F/Solder, Gold      | AX105335-AL        | AX105335-EW | AX105335-BK |
|                                                                                    | S-video Coupler, F/F                     | AX105336-AL        | AX105336-EW | AX105336-BK |
|                                                                                    | RCA Gold-plated Coupler, F/F, Red        | AX105337-AL        | AX105337-EW | AX105337-BK |
|                                                                                    | RCA Gold-plated Coupler, F/F, White      | AX105338-AL        | AX105338-EW | AX105338-BK |
|                                                                                    | RCA Gold-plated Coupler, F/F, Yellow     | AX105339-AL        | AX105339-EW | AX105339-BK |
|                                                                                    | RCA Gold-plated Coupler, F/F, Green      | AX105340-AL        | AX105340-EW | AX105340-BK |
|                                                                                    | RCA Gold-plated Coupler, F/F, Blue       | AX105341-AL        | AX105341-EW | AX105341-BK |
|                                                                                    | Video F Coax 3GHz, Recessed, Gold-Plated | AX105346-AL        | AX105346-EW | AX105346-BK |
|                                                                                    | Video F Coax, Recessed                   | AX102903           | AX102904    | AX102905    |
|                                                                                    | Video F Coax, Flush                      | 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 |

## CAT5E Unshielded Cabling System (Category 5e)

|                                                                                     | Description                                                       |                            | Belden Part Number |               |               |               |               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------|--------------------|---------------|---------------|---------------|---------------|
|                                                                                     |                                                                   |                            | Blue               | Purple        | Grey          | White         | Black         |
|  | DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Category 5e  | 305 m (1000 f)/Reel        | 1212 0061000       | 1212 0071000  | 1212 0081000  | 1212 0091000  | —             |
|                                                                                     |                                                                   | 305 m (1000 f)/Reel-in-box | 1212 006U1000      | 1212 007U1000 | 1212 008U1000 | 1212 009U1000 | —             |
|                                                                                     | DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, LSZH, Category 5e | 500 m/Spool                | 1224.06500         | 1224.07500    | 1224.08500    | 1224.09500    | —             |
|                                                                                     |                                                                   | 305 m (1000 f)/UniReel-box | 1224.06U305        | 1224.07U305   | 1224.08U305   | 1224.09U305   | —             |
|                                                                                     | REVConnect CAT5E UTP Jack - Bulk Pack                             |                            | RV5MJKUBL-B24      | RV5MJKUPR-B24 | —             | RV5MJKUEW-B24 | RV5MJKUBK-B24 |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Preloaded)                   |                            | —                  | —             | —             | —             | AX104013      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 2U (Preloaded)                   |                            | —                  | —             | —             | —             | AX104014      |
|                                                                                     | AngleFlex Patch Panel, 24-Port, 1U (Empty)                        |                            | —                  | —             | —             | —             | AX103248      |
|                                                                                     | AngleFlex Patch Panel, 48-Port, 2U (Empty)                        |                            | —                  | —             | —             | —             | AX103249      |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Empty)                       |                            | —                  | —             | —             | —             | AX103114      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 1U (Empty)                       |                            | —                  | —             | —             | —             | AX103121      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 2U (Empty)                       |                            | —                  | —             | —             | —             | AX103115      |

Other colors available on request.

## CAT5E Shielded Cabling System (Category 5e)

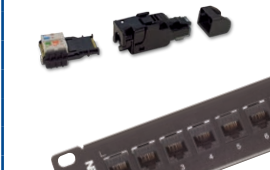
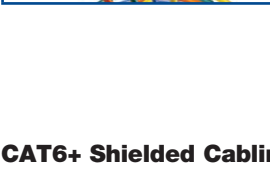
|                                                                                     | Description                                                                                    |  | Belden Part Number |                |                |                |       |               |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--|--------------------|----------------|----------------|----------------|-------|---------------|
|                                                                                     |                                                                                                |  | Blue               | Purple         | Grey           | White          | Black | Metallic      |
|  | DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Cat 5e, F/UTP, 305 m (1000 f)/Reel        |  | 1212F 0061000      | 1212F 0071000  | 1212F 0081000  | 1212F 0091000  | —     | —             |
|                                                                                     | DataTwist 1200, Nonbonded-Pair, 4-pair, 24 AWG, CMR, Cat 5e, F/UTP, 305 m (1000 f)/Reel-in-box |  | 1212F 006A1000     | 1212F 007A1000 | 1212F 008A1000 | 1212F 009A1000 | —     | —             |
|                                                                                     | REVConnect CAT5E STP Jack - Bulk Pack                                                          |  | —                  | —              | —              | —              | —     | RVAMJKSME-B24 |
|                                                                                     | Shielded Modular Patch Panel, 24-Port, 1U (Empty)                                              |  | —                  | —              | —              | —              | —     | AX104563      |
|                                                                                     | Shielded Modular Patch Panel, 48-Port, 2U (Empty)                                              |  | —                  | —              | —              | —              | —     | AX104564      |

Other colors available on request.

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



### CAT6+ Unshielded Cabling System (Category 6)

|                                                                                     | Description                                     | Belden Part Number |               |              |               |               |
|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------|---------------|--------------|---------------|---------------|
|                                                                                     |                                                 | Blue               | Purple        | Grey         | White         | Black         |
|    | 305 m (1000 f)/Spool                            | 2412D.06305        | 2412D.07305   | 2412D.08305  | 2412D.09305   | —             |
|                                                                                     | 305 m (1000 f)/Spool-in-box                     | 2412D.06A305       | 2412D.07A305  | 2412D.08A305 | 2412D.09A305  | —             |
|                                                                                     | 500 m/Spool                                     | 2412D.06500        | 2412D.07500   | 2412D.08500  | 2412D.09500   | —             |
|   | 305 m (1000 f)/Spool                            | 2424.06305         | 2424.07305    | 2424.08305   | 2424.09305    | —             |
|                                                                                     | 305 m (1000 f)/Spool-in-box                     | 2424.06A305        | 2424.07A305   | 2424.08A305  | 2424.09A305   | —             |
|                                                                                     | 500 m/Spool                                     | 2424.06500         | 2424.07500    | 2424.08500   | 2424.09500    | —             |
|  | 305 m (1000 f)/Spool                            | 2424D.06305        | 2424D.07305   | 2424D.08305  | 2424D.09305   | —             |
|                                                                                     | 305 m (1000 f)/Spool-in-box                     | 2424D.06A305       | 2424D.07A305  | 2424D.08A305 | 2424D.09A305  | —             |
|                                                                                     | 500 m/Spool                                     | 2424D.06500        | 2424D.07500   | 2424D.08500  | 2424D.09500   | —             |
|  | 305 m (1000 f)/Spool                            | 2425D.06305        | 2425D.07305   | 2425D.08305  | 2425D.09305   | —             |
|                                                                                     | 305 m (1000 f)/Spool-in-box                     | 2425D.06A305       | 2425D.07A305  | 2425D.08A305 | 2425D.09A305  | —             |
|                                                                                     | 500 m/Spool                                     | 2425D.06500        | 2425D.07500   | 2425D.08500  | 2425D.09500   | —             |
|                                                                                     | REVConnect CAT6+ UTP Jack - Bulk Pack           | RV6MJKUBL-B24      | RV6MJKUPR-B24 | —            | RV6MJKUEW-B24 | RV6MJKUBK-B24 |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Preloaded) | —                  | —             | —            | —             | AX103253      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 2U (Preloaded) | —                  | —             | —            | —             | AX103255      |
|                                                                                     | AngleFlex Patch Panel, 24-Port, 1U (Empty)      | —                  | —             | —            | —             | AX103248      |
|                                                                                     | AngleFlex Patch Panel, 48-Port, 2U (Empty)      | —                  | —             | —            | —             | AX103249      |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Empty)     | —                  | —             | —            | —             | AX103114      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 1U (Empty)     | —                  | —             | —            | —             | AX103121      |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 2U (Empty)     | —                  | —             | —            | —             | AX103115      |

Other colors available on request.

### CAT6+ Shielded Cabling System (Category 6)

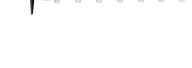
|                                                                                     | Description                                       | Belden Part Number |               |               |               |               |
|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------|---------------|---------------|---------------|---------------|
|                                                                                     |                                                   | Blue               | Purple        | Grey          | White         | Metallic      |
|  | 305 m (1000 f)/Spool                              | 2412F 0061000      | 2412F 0071000 | 2412F 0081000 | 2412F 0091000 | —             |
|                                                                                     | REVConnect CAT6+ STP Jack - Bulk Pack             | —                  | —             | —             | —             | RV6MJKSME-B24 |
|                                                                                     | Shielded Modular Patch Panel, 24-Port, 1U (Empty) | —                  | —             | —             | —             | AX104563      |
|                                                                                     | Shielded Modular Patch Panel, 48-Port, 2U (Empty) | —                  | —             | —             | —             | AX104564      |

### CAT6+ KeyConnect Patch Panels (featuring designation strips)

|                                                                                     | Description                                                                    | Belden Part Number |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------|
|                                                                                     |                                                                                |                    |
|  | CAT6+ KeyConnect Patch Panels featuring designation strips, 24-port, 1U, Black | AX105156           |
|                                                                                     | CAT6+ KeyConnect Patch Panels featuring designation strips, 48-port, 2U, Black | AX105157           |

## Copper Structured Cabling Solutions *(continued)*

### 10GX Unshielded Cabling System (Category 6A)

|                                                                                     | Description                                                                                    | Belden Part Number |                 |                 |                 |               |          |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|-----------------|---------------|----------|
|                                                                                     |                                                                                                | Blue               | Purple          | Grey            | White           | Black         | Metallic |
|    | 10GXS Small Diameter, Nonbonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool          | 10GXS12 0061000    | 10GXS12 0071000 | 10GXS12 0081000 | 10GXS12 0091000 | —             | —        |
|                                                                                     | 10GXS Small Diameter, Nonbonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool-in-box   | 10GXS12006A1000    | 10GXS12007A1000 | 10GXS12008A1000 | 10GXS12009A1000 | —             | —        |
|    | 10GXS Small Diameter, Bonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool             | 10GXS32 0061000    | 10GXS32 0071000 | 10GXS32 0081000 | 10GXS32 0091000 | —             | —        |
|                                                                                     | 10GXS Small Diameter, Bonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool-in-box      | 10GXS32006A1000    | 10GXS32007A1000 | 10GXS32008A1000 | 10GXS32009A1000 | —             | —        |
|  | 10GX Standard Diameter, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, 305 m (1000 f)/Spool             | 10GX24.061000      | 10GX24.071000   | 10GX24.081000   | 10GX24.091000   | —             | —        |
|                                                                                     | 10GX Standard Diameter, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, 305 m (1000 f)/Spool-in-box      | 10GX24.06A1000     | 10GX24.07A1000  | 10GX24.08A1000  | 10GX24.09A1000  | —             | —        |
|  | 10GX Standard Diameter, Bonded-Pair, 4-pair, 23 AWG, LSZH, 305 m (1000 f)/Spool                | 10GX44 0061000     | 10GX44 0071000  | 10GX44 0081000  | 10GX44 0091000  | —             | —        |
|                                                                                     | 10GX Standard Diameter, Bonded-Pair, 4-pair, 23 AWG, LSZH, 305 m (1000 f)/Spool-in-box         | 10GX44 006A1000    | 10GX44 007A1000 | 10GX44 008A1000 | 10GX44 009A1000 | —             | —        |
|  | 10GX Standard Diameter, Nonbonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool        | 10GX12 0061000     | 10GX12 0071000  | 10GX12 0081000  | 10GX12 0091000  | —             | —        |
|                                                                                     | 10GX Standard Diameter, Nonbonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool-in-box | 10GX12006A1000     | 10GX12007A1000  | 10GX12008A1000  | 10GX12009A1000  | —             | —        |
|  | 10GX Standard Diameter, Bonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool           | 10GX32 0061000     | 10GX32 0071000  | 10GX32 0081000  | 10GX32 0091000  | —             | —        |
|                                                                                     | 10GX Standard Diameter, Bonded-Pair, 4-pair, 23 AWG, Riser-CMR, 305 m (1000 f)/Spool-in-box    | 10GX32006A1000     | 10GX32007A1000  | 10GX32008A1000  | 10GX32009A1000  | —             | —        |
|  | 10GB Reduced Diameter, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, 500 m (1000 f)/Reel               | 10GB24.06500       | 10GB24.07500    | 10GB24.08500    | 10GB24.09500    | —             | —        |
|                                                                                     | 10GB Reduced Diameter, Nonbonded-Pair, 4-pair, 23 AWG, LSZH, 100 m (1000 f)/Reel-in-box        | 10GB24.06A100      | 10GB24.07A100   | 10GB24.08A100   | 10GB24.09A100   | —             | —        |
|  | 10GB Reduced Diameter, Nonbonded-Pair, 4-pair, 23 AWG, PVC, 500 m (1000 f)/Reel                | 10GB12.06500       | 10GB12.07500    | 10GB12.08500    | 10GB12.09500    | —             | —        |
|                                                                                     | 10GB Reduced Diameter, Nonbonded-Pair, 4-pair, 23 AWG, PVC, 100 m (1000 f)/Reel-in-box         | 10GB12.06A100      | 10GB12.07A100   | 10GB12.08A100   | 10GB12.09A100   | —             | —        |
|  | REVConnect 10GX UTP Jack - Bulk Pack                                                           | RVAMJKUBL-B24      | RVAMJKUPR-B24   | —               | RVAMJKUEW-B24   | RVAMJKUBK-B24 | —        |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Preloaded)                                                | —                  | —               | —               | —               | —             | AX103254 |
|  | KeyConnect Patch Panel, 48-Port, 2U (Preloaded)                                                | —                  | —               | —               | —               | —             | AX103256 |
|                                                                                     | AngleFlex Patch Panel, 24-Port, 1U (Empty)                                                     | —                  | —               | —               | —               | —             | AX103248 |
|  | AngleFlex Patch Panel, 48-Port, 2U (Empty)                                                     | —                  | —               | —               | —               | —             | AX103249 |
|                                                                                     | KeyConnect Patch Panel, 24-Port, 1U (Empty)                                                    | —                  | —               | —               | —               | —             | AX103114 |
|  | KeyConnect Patch Panel, 48-Port, 1U (Empty)                                                    | —                  | —               | —               | —               | —             | AX103121 |
|                                                                                     | KeyConnect Patch Panel, 48-Port, 2U (Empty)                                                    | —                  | —               | —               | —               | —             | AX103115 |

Other colors available on request.

### 10GX Shielded Cabling System (Category 6A)

|                                                                                     | Description                                                            | Belden Part Number |                 |                 |                 |                 |               |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                                                                                     |                                                                        | Blue               | Purple          | Grey            | White           | Black           | Metallic      |
|  | 10GX Nonbonded-Pair, 4-pair, 23 AWG, CMR, F/UTP, 305 m (1000 f)/Spool  | 10GX52F 0061000    | 10GX52F 0071000 | 10GX52F 0081000 | 10GX52F 0091000 | —               | —             |
|                                                                                     | 10GX Bonded-Pair, 4-pair, 23 AWG, CMR, F/UTP, 305 m (1000 f)/Spool     | 10GX62F 0061000    | 10GX62F 0071000 | 10GX62F 0081000 | 10GX62F 0091000 | 10GX62F 00Z1000 | —             |
|  | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, F/UTP, 500 m/Spool          | 10GXE00.06500      | 10GXE00.07500   | 10GXE00.08500   | 10GXE00.09500   | —               | —             |
|                                                                                     | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, F/UTP, 100 m/Spool          | 10GXE00.06100      | 10GXE00.07100   | 10GXE00.08100   | 10GXE00.09100   | —               | —             |
|  | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, F/FTP, 500 m/Spool          | 10GXE01.06500      | 10GXE01.07500   | 10GXE01.08500   | 10GXE01.09500   | —               | —             |
|                                                                                     | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, F/FTP, 305 m (1000 f)/Spool | 10GXE01.06305      | 10GXE01.07305   | 10GXE01.08305   | 10GXE01.09305   | —               | —             |
|  | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, S/FTP, 500 m/Spool          | 10GXE02.06500      | 10GXE02.07500   | 10GXE02.08500   | 10GXE02.09500   | —               | —             |
|                                                                                     | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH, S/FTP, 305 m (1000 f)/Spool | 10GXE02.06305      | 10GXE02.07305   | 10GXE02.08305   | 10GXE02.09305   | —               | —             |
|  | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH - 3-24, F/FTP, 500 m/Spool   | 10GXE91.06500      | 10GXE91.07500   | 10GXE91.08500   | 10GXE91.09500   | —               | —             |
|                                                                                     | 10GX Nonbonded-Pair, 4-pair, 23 AWG, LSZH - 3-24, S/FTP, 500 m/Spool   | 10GXE92.06500      | 10GXE92.07500   | 10GXE92.08500   | 10GXE92.09500   | —               | —             |
|  | REVConnect 10GX STP Jack - Bulk Pack                                   | —                  | —               | —               | —               | —               | RVAMJKSME-B24 |
|                                                                                     | Shielded Modular Patch Panel, 24-Port, 1U (Empty)                      | —                  | —               | —               | —               | —               | AX104563      |
|  | Shielded Modular Patch Panel, 48-Port, 2U (Empty)                      | —                  | —               | —               | —               | —               | AX104564      |

Other colors available on request.



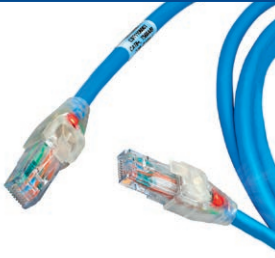
Our End-to-End Expertise.  
Your End-to-End Solution.



### CAT6A KeyConnect Patch Panels (featuring designation strips)

|  | Description                                                                   | Belden Part Number |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------|
|                                                                                   | CAT6A KeyConnect Patch Panel featuring designation strips, 24-port, 1U, Black | AX105152           |
|                                                                                   | CAT6A KeyConnect Patch Panel featuring designation strips, 48-port, 2U, Black | AX105153           |

### Unshielded Patchcords

|  | Performance + Cable Type |             | Termination       |   | Color  |    | Length (meter) |      |
|------------------------------------------------------------------------------------|--------------------------|-------------|-------------------|---|--------|----|----------------|------|
|                                                                                    | 10GX (CAT6A), LSZH       | CA24        | T568A/B - T568A/B | 1 | Red    | 02 | 0.5 m          | 0D5M |
|                                                                                    | CAT6+/CAT6/CAT5e         | C624        | Crossover T568A/B | 4 | Orange | 03 | 1.0 m          | 001M |
|                                                                                    |                          |             | Crossover IEEE    | 5 | Yellow | 04 | 2.0 m          | 002M |
|                                                                                    |                          |             |                   |   | Green  | 05 | 3.0 m          | 003M |
|                                                                                    |                          |             |                   |   | Blue   | 06 | 5.0 m          | 005M |
|                                                                                    |                          |             |                   |   | Purple | 07 | 10.0 m         | 010M |
|                                                                                    |                          |             |                   |   | Grey   | 08 |                |      |
|                                                                                    |                          |             |                   |   | White  | 09 |                |      |
|                                                                                    |                          |             |                   |   | Black  | 00 |                |      |
| Example Partnumber:                                                                |                          | CA24106003M |                   |   |        |    |                |      |

### Shielded Patchcords

|  | Performance + Cable Type |             | Termination       |   | Color  |    | Length (meter) |      |
|-------------------------------------------------------------------------------------|--------------------------|-------------|-------------------|---|--------|----|----------------|------|
|                                                                                     | 10GX (CAT6A), LSZH       | CAE4        | T568A/B - T568A/B | 1 | Red    | 02 | 0.5 m          | 0D5M |
|                                                                                     | CAT6+/CAT6/CAT5e         | C6S4        | Crossover T568A/B | 4 | Orange | 03 | 1.0 m          | 001M |
|                                                                                     |                          |             | Crossover IEEE    | 5 | Yellow | 04 | 2.0 m          | 002M |
|                                                                                     |                          |             |                   |   | Green  | 05 | 3.0 m          | 003M |
|                                                                                     |                          |             |                   |   | Blue   | 06 | 5.0 m          | 005M |
|                                                                                     |                          |             |                   |   | Purple | 07 | 10.0 m         | 010M |
|                                                                                     |                          |             |                   |   | Grey   | 08 |                |      |
|                                                                                     |                          |             |                   |   | White  | 09 |                |      |
|                                                                                     |                          |             |                   |   | Black  | 00 |                |      |
| Example Partnumber:                                                                 |                          | CAE4103001M |                   |   |        |    |                |      |

### Unshielded Pre-Term Modular Cable Assemblies

|  | Performance + Cable Type |                | Termination       |   | Color  |    | Length (meter) |      | Bundle   |     |
|-------------------------------------------------------------------------------------|--------------------------|----------------|-------------------|---|--------|----|----------------|------|----------|-----|
|                                                                                     | 10GX (CAT6A), LSZH       | CA24           | T568A/B - T568A/B | 1 | Red    | 02 | 5.0 m          | 005M | 6 Cables | A06 |
|                                                                                     |                          |                |                   |   | Orange | 03 | 10.0 m         | 010M | 8 Cables | A08 |
|                                                                                     |                          |                |                   |   | Yellow | 04 | 15.0 m         | 015M |          |     |
|                                                                                     |                          |                |                   |   | Green  | 05 | 20.0 m         | 020M |          |     |
|                                                                                     |                          |                |                   |   | Blue   | 06 | 25.0 m         | 025M |          |     |
|                                                                                     |                          |                |                   |   | Purple | 07 | 30.0 m         | 030M |          |     |
|                                                                                     |                          |                |                   |   | Grey   | 08 | 40.0 m         | 040M |          |     |
|                                                                                     |                          |                |                   |   | White  | 09 | 50.0 m         | 050M |          |     |
|                                                                                     |                          |                |                   |   | Black  | 00 | 90.0 m         | 090M |          |     |
| Example Partnumber:                                                                 |                          | CA24106020MA08 |                   |   |        |    |                |      |          |     |

### Shielded Pre-Term Modular Cable Assemblies

|  | Performance + Cable Type |                | Termination       |   | Color  |    | Length (meter) |      | Bundle   |     |
|-------------------------------------------------------------------------------------|--------------------------|----------------|-------------------|---|--------|----|----------------|------|----------|-----|
|                                                                                     | 10GX (CAT6A), LSZH       | CAE4           | T568A/B - T568A/B | 1 | Red    | 02 | 5.0 m          | 005M | 6 Cables | A06 |
|                                                                                     |                          |                |                   |   | Orange | 03 | 10.0 m         | 010M | 8 Cables | A08 |
|                                                                                     |                          |                |                   |   | Yellow | 04 | 15.0 m         | 015M |          |     |
|                                                                                     |                          |                |                   |   | Green  | 05 | 20.0 m         | 020M |          |     |
|                                                                                     |                          |                |                   |   | Blue   | 06 | 25.0 m         | 025M |          |     |
|                                                                                     |                          |                |                   |   | Purple | 07 | 30.0 m         | 030M |          |     |
|                                                                                     |                          |                |                   |   | Grey   | 08 | 40.0 m         | 040M |          |     |
|                                                                                     |                          |                |                   |   | White  | 09 | 50.0 m         | 050M |          |     |
|                                                                                     |                          |                |                   |   | Black  | 00 | 90.0 m         | 090M |          |     |
| Example Partnumber:                                                                 |                          | CAE4108040MA06 |                   |   |        |    |                |      |          |     |

# REVConnect

## RELIABLE

### What Makes REVConnect Reliable?

REVConnect gets its reliability from a unique termination process featuring a universal 'core' comprised of a cable manager and cap. The cap features eight insulation piercing contacts which create a highly reliable, gas-tight termination proven to increase first pass yields and reduce rework.

### How Much More Reliable Is REVConnect?

Voice of customer feedback indicates nearly 5% of terminations need some level of rework ranging from repunching one wire to completely starting over with a new connector. With REVConnect, rework will be reduced to less than 1% of all terminations.



REVConnect is a brand new RJ45 connectivity system. A single Reliable and Easy termination method that offers unparalleled Versatility; it covers jack and plug, shielded or unshielded, Category 5e through Category 6A. See the reverse side for ordering information.

## EASY

### What Makes REVConnect Easy?

The termination of the REVConnect core is a simple, straightforward process that requires no pair separation! This means, both bonded and non-bonded cables terminate in the same amount of time. On top of that, the single core termination is all the installer needs to know in order to terminate eight different modules.

### How Much Faster Is REVConnect?

Though it does depend on what you're comparing to, REVConnect has shown to be over 50% faster than some existing connectors and is, no doubt, one of the fastest connectors to terminate available today.

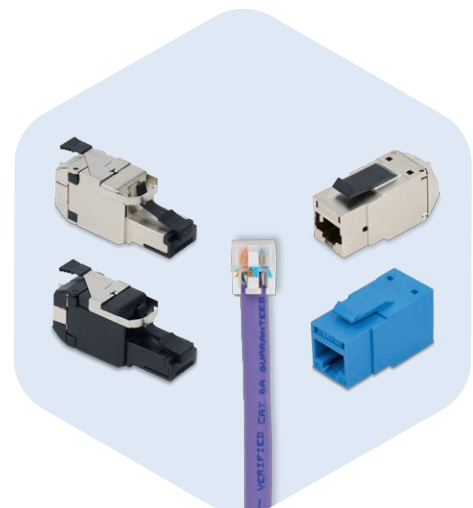
## VERSATILE

### How Is REVConnect Versatile?

REVConnect's core technology accepts eight RJ45 modules: UTP jacks (Category 5e through 10GX), Shielded jacks (Category 5e through 10GX), and 10GX Shielded and Unshielded Field Mountable Plugs. A single termination tool is all that is required for the entire termination, including cable prep!

### What About Future Generation Modules?

As one could imagine, REVConnect's core technology has potential beyond the current offering. The available eight modules are only the beginning of what we expect to be a revolutionary connectivity platform to support the emerging applications of today and tomorrow.



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



## Ordering Information

### REVConnect 10GX Category 6A

| Description                        | Elec White    | Black         | Grey          | Ivory         | Almond        |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect 10GX Jack - Single Pack | RVAMJKUEW-S1  | RVAMJKUBK-S1  | RVAMJKUGY-S1  | RVAMJKUIV-S1  | RVAMJKUAL-S1  |
| REVConnect 10GX Jack - Bulk Pack   | RVAMJKUEW-B24 | RVAMJKUBK-B24 | RVAMJKUGY-B24 | RVAMJKUIV-B24 | RVAMJKUAL-B24 |

| Description                        | Brown         | Red           | Orange        | Yellow        | Green         | Blue          | Purple        |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect 10GX Jack - Single Pack | RVAMJKUBR-S1  | RVAMJKURD-S1  | RVAMJKUOR-S1  | RVAMJKUYL-S1  | RVAMJKUGN-S1  | RVAMJKUBL-S1  | RVAMJKUPR-S1  |
| REVConnect 10GX Jack - Bulk Pack   | RVAMJKUBR-B24 | RVAMJKURD-B24 | RVAMJKUOR-B24 | RVAMJKUYL-B24 | RVAMJKUGN-B24 | RVAMJKUBL-B24 | RVAMJKUPR-B24 |

| Description                        | Brown TIA     | Red TIA       | Orange TIA    | Yellow TIA    | Green TIA     | Blue TIA      | Purple TIA    |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect 10GX Jack - Single Pack | RVAMJKUTN-S1  | RVAMJKUTR-S1  | RVAMJKUTO-S1  | RVAMJKUTY-S1  | RVAMJKUTG-S1  | RVAMJKUTB-S1  | RVAMJKUTP-S1  |
| REVConnect 10GX Jack - Bulk Pack   | RVAMJKUTN-B24 | RVAMJKUTR-B24 | RVAMJKUTO-B24 | RVAMJKUTY-B24 | RVAMJKUTG-B24 | RVAMJKUTB-B24 | RVAMJKUTP-B24 |

10GX



### REVConnect CAT6+ Category 6

| Description                         | Elec White    | Black         | Grey          | Ivory         | Almond        |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT6+ Jack - Single Pack | RV6MJKUEW-S1  | RV6MJKUBK-S1  | RV6MJKUGY-S1  | RV6MJKUIV-S1  | RV6MJKUAL-S1  |
| REVConnect CAT6+ Jack - Bulk Pack   | RV6MJKUEW-B24 | RV6MJKUBK-B24 | RV6MJKUGY-B24 | RV6MJKUIV-B24 | RV6MJKUAL-B24 |

| Description                         | Brown         | Red           | Orange        | Yellow        | Green         | Blue          | Purple        |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT6+ Jack - Single Pack | RV6MJKUBR-S1  | RV6MJKURD-S1  | RV6MJKUOR-S1  | RV6MJKUYL-S1  | RV6MJKUGN-S1  | RV6MJKUBL-S1  | RV6MJKUPR-S1  |
| REVConnect CAT6+ Jack - Bulk Pack   | RV6MJKUBR-B24 | RV6MJKURD-B24 | RV6MJKUOR-B24 | RV6MJKUYL-B24 | RV6MJKUGN-B24 | RV6MJKUBL-B24 | RV6MJKUPR-B24 |

| Description                         | Brown TIA     | Red TIA       | Orange TIA    | Yellow TIA    | Green TIA     | Blue TIA      | Purple TIA    |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT6+ Jack - Single Pack | RV6MJKUTN-S1  | RV6MJKUTR-S1  | RV6MJKUTO-S1  | RV6MJKUTY-S1  | RV6MJKUTG-S1  | RV6MJKUTB-S1  | RV6MJKUTP-S1  |
| REVConnect CAT6+ Jack - Bulk Pack   | RV6MJKUTN-B24 | RV6MJKUTR-B24 | RV6MJKUTO-B24 | RV6MJKUTY-B24 | RV6MJKUTG-B24 | RV6MJKUTB-B24 | RV6MJKUTP-B24 |

CAT6+



### REVConnect CAT5E Category 5e

| Description                         | Elec White    | Black         | Grey          | Ivory         | Almond        |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT5E Jack - Single Pack | RV5MJKUEW-S1  | RV5MJKUBK-S1  | RV5MJKUGY-S1  | RV5MJKUIV-S1  | RV5MJKUAL-S1  |
| REVConnect CAT5E Jack - Bulk Pack   | RV5MJKUEW-B24 | RV5MJKUBK-B24 | RV5MJKUGY-B24 | RV5MJKUIV-B24 | RV5MJKUAL-B24 |

| Description                         | Brown         | Red           | Orange        | Yellow        | Green         | Blue          | Purple        |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT5E Jack - Single Pack | RV5MJKUBR-S1  | RV5MJKURD-S1  | RV5MJKUOR-S1  | RV5MJKUYL-S1  | RV5MJKUGN-S1  | RV5MJKUBL-S1  | RV5MJKUPR-S1  |
| REVConnect CAT5E Jack - Bulk Pack   | RV5MJKUBR-B24 | RV5MJKURD-B24 | RV5MJKUOR-B24 | RV5MJKUYL-B24 | RV5MJKUGN-B24 | RV5MJKUBL-B24 | RV5MJKUPR-B24 |

| Description                         | Brown TIA     | Red TIA       | Orange TIA    | Yellow TIA    | Green TIA     | Blue TIA      | Purple TIA    |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| REVConnect CAT5E Jack - Single Pack | RV5MJKUTN-S1  | RV5MJKUTR-S1  | RV5MJKUTO-S1  | RV5MJKUTY-S1  | RV5MJKUTG-S1  | RV5MJKUTB-S1  | RV5MJKUTP-S1  |
| REVConnect CAT5E Jack - Bulk Pack   | RV5MJKUTN-B24 | RV5MJKUTR-B24 | RV5MJKUTO-B24 | RV5MJKUTY-B24 | RV5MJKUTG-B24 | RV5MJKUTB-B24 | RV5MJKUTP-B24 |

CAT5E



### REVConnect 10GX, CAT6+, CAT5E Shielded Jacks, Shielded and Unshielded Plugs

| Package Size           | 10GX Shielded Jacks | CAT6+ Shielded Jacks | CAT5E Shielded Jacks | 10GX Shielded Plugs | 10GX UTP Plugs |
|------------------------|---------------------|----------------------|----------------------|---------------------|----------------|
| Single Pack            | RVAMJKSME-S1        | RV6MJKSME-S1         | RV5MJKSME-S1         | RVAFPSME-S1         | RVAFPUBK-S1    |
| Bulk Pack (24 Modules) | RVAMJKSME-B24       | RV6MJKSME-B24        | RV5MJKSME-B24        | RVAFPSME-B24        | RVAFPUBK-B24   |



### REVConnect Tool and Accessories

| Universal Termination Tool                            | Tool Spare Blade Set                                 | Cable Prep Tool Replacement                 | Tool Belt Clip                        | Dust Caps for Jacks*                                           | Icons for Jacks                                            | Bulk Pack of REVConnect Cores           |
|-------------------------------------------------------|------------------------------------------------------|---------------------------------------------|---------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------|
| RVUTT01                                               | RVUTB01                                              | RVUCT01                                     | RVUTC01                               | RVUDCXX-B24                                                    | RVUICXX-B24                                                | RVUCOEW-B50                             |
| Includes tool, cable prep insert, and spare blade set | Optional extra set of blades with Allen key included | Optional cable prep tool replacement insert | Optional belt clip for universal tool | Optional dust caps for all jacks; XX is color code, pack of 24 | Optional icons for all jacks; XX is color code, pack of 24 | Bulk pack of 50 cable managers and caps |



**Color codes:** AL (almond), BK (black), BL (blue), BR (brown), EW (electric white), GN (green), GY (Grey), IV (ivory), OR (orange), PR (purple), RD (red), YL (yellow), TB (TIA brown), TG (TIA green), TN (TIA brown), TO (TIA orange), TP (TIA purple), TR (TIA red), TY (TIA yellow)

**Note:** \* = coming soon

## QSFP+/SFP+ Direct Attached Cables

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

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

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



SFP+ Cable Assembly

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



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



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

# Fiber Structured Cabling Solutions

In some applications, even our precision digital coaxes can't go far enough. No problem! Belden's fiber portfolio can solve this and other issues. Below are the commonly used fiber products in commercial AV applications. Our full fiber optic product line includes

single mode, multimode and halogen-free and PUR versions as well as tactical fiber and SMPTE hybrid cable and assemblies.

If you have dealt with copper your whole career, there are many product features that can help

ease the transition to optical fiber. Belden now offers FiberExpress Brilliance connectors and termination kit for both multimode and single mode fiber. See below for how these connectors can be terminated in seconds without crimping, epoxy, or polishing.

## Distribution/Mini-Breakout Cables

|  | Description           | Belden Part Number |           |                                      |              |              |                         |              |              |
|------------------------------------------------------------------------------------|-----------------------|--------------------|-----------|--------------------------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                                                                    |                       | Cable              |           | FX Brilliance Universal Connectivity |              |              |                         |              |              |
|                                                                                    |                       | LSZH               |           | LC with 900 micron boot              |              |              | SC with 900 micron boot |              |              |
|                                                                                    |                       | Indoor             | Universal | OS2                                  | OM3          | OM4          | OS2                     | OM3          | OM4          |
|                                                                                    | 4 Fiber Tight Buffer  | GIMTx04            | GUMTx04   | AX105203-B25                         | AX105202-B25 | AX105252-B25 | AX105208-B25            | AX105207-B25 | AX105253-B25 |
|                                                                                    | 6 Fiber Tight Buffer  | GIMTx06            | GUMTx06   |                                      |              |              |                         |              |              |
|                                                                                    | 8 Fiber Tight Buffer  | GIMTx08            | GUMTx08   |                                      |              |              |                         |              |              |
|                                                                                    | 12 Fiber Tight Buffer | GIMTx12            | GUMTx12   |                                      |              |              |                         |              |              |
|                                                                                    | 24 Fiber Tight Buffer | GIMTx24            | GUMTx24   |                                      |              |              |                         |              |              |

| OS2 | OM3 | OM4 |
|-----|-----|-----|
| A   | D   | E   |

Where x is replaced by:

## Central Loose Tube

|  | Description         | Belden Part Number |           |                                      |              |              |                         |              |              |
|-------------------------------------------------------------------------------------|---------------------|--------------------|-----------|--------------------------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                                                                     |                     | Cable              |           | FX Brilliance Universal Connectivity |              |              |                         |              |              |
|                                                                                     |                     | PE                 | LSZH      | LC with 900 micron boot              |              |              | SC with 900 micron boot |              |              |
|                                                                                     |                     | Outdoor            | Universal | OS2                                  | OM3          | OM4          | OS2                     | OM3          | OM4          |
|                                                                                     | 4 Fiber Loose Tube  | GOSNx04            | GUSNx04   | AX105203-B25                         | AX105202-B25 | AX105252-B25 | AX105208-B25            | AX105207-B25 | AX105253-B25 |
|                                                                                     | 6 Fiber Loose Tube  | GOSNx06            | GUSNx06   |                                      |              |              |                         |              |              |
|                                                                                     | 8 Fiber Loose Tube  | GOSNx08            | GUSNx08   |                                      |              |              |                         |              |              |
|                                                                                     | 12 Fiber Loose Tube | GOSNx12            | GUSNx12   |                                      |              |              |                         |              |              |
|                                                                                     | 24 Fiber Loose Tube | GOSNx24            | GUSNx24   |                                      |              |              |                         |              |              |

| OS2 | OM3 | OM4 |
|-----|-----|-----|
| 8   | D   | E   |

Where x is replaced by:

Other connectors and connector types are available to support different cable grades and applications

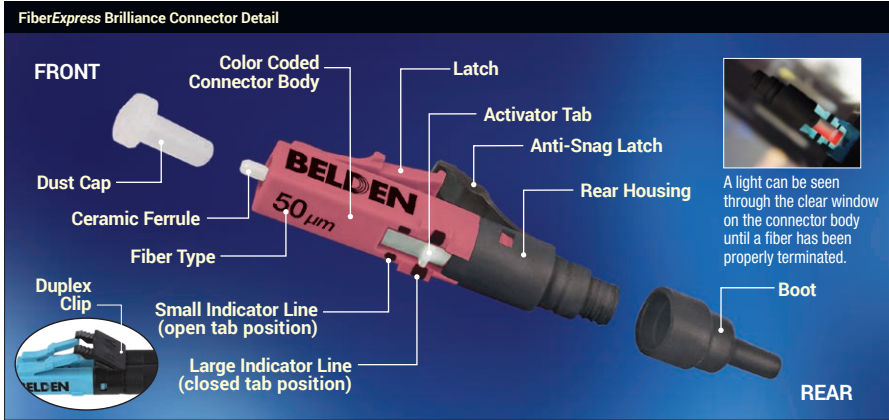
Our End-to-End Expertise.  
Your End-to-End Solution.



### Tactical Fiber Cables

|  | Description          | Belden Part Number |            |                                      |              |              |                         |              |              |
|-----------------------------------------------------------------------------------|----------------------|--------------------|------------|--------------------------------------|--------------|--------------|-------------------------|--------------|--------------|
|                                                                                   |                      | Cable              |            | FX Brilliance Universal Connectivity |              |              |                         |              |              |
|                                                                                   |                      | PUR                |            | LC with 900 micron boot              |              |              | SC with 900 micron boot |              |              |
|                                                                                   |                      | Outdoor            | Heavy Duty | OS2                                  | OM3          | OM4          | OS2                     | OM3          | OM4          |
|                                                                                   | 4 Fiber Tight Buffer | GMTTx04            | GMRTx04    | AX105203-B25                         | AX105202-B25 | AX105252-B25 | AX105208-B25            | AX105207-B25 | AX105253-B25 |
|                                                                                   | 6 Fiber Tight Buffer | GMTTx06            | GMRTx06    |                                      |              |              |                         |              |              |
|                                                                                   | 8 Fiber Tight Buffer | GMTTx08            | GMRTx08    |                                      |              |              |                         |              |              |
| 12 Fiber Tight Buffer                                                             | GMTTx12              | GMRTx12            |            |                                      |              |              |                         |              |              |
| 24 Fiber Tight Buffer                                                             | GMTTx24              | GMRTx24            |            |                                      |              |              |                         |              |              |
| Where <b>x</b> is replaced by:                                                    |                      |                    |            |                                      |              | OS2          | OM3                     | OM4          |              |
|                                                                                   |                      |                    |            |                                      |              | A            | D                       | E            |              |

### FiberExpress Brilliance Universal Connectors



The Fx Brilliance Universal Connector offers installers and end-users alike the fastest, simplest, most cost-effective and reliable field-installable connector in the industry.

### FiberExpress Brilliance Installation Kit

|  | Description                                                                                                 | Belden Part Number |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|
|                                                                                     | Precision Installation Kit (Basic Kit, Fiber Preparation Tools, Precision Cleaver and Visual Fault Locator) | AX104271           |

### Three Simple Steps



# Fiber-Optic Cabling Systems

- Plenum, riser, and LSZH ratings
- Single-mode OS2 and multimode OM1, OM2, OM3, and OM4 fibers
- Simplex and duplex constructions for equipment connections
- Tight buffer constructions for indoor and indoor outdoor applications, in-building backbone or horizontal deployment, low to high fiber count requirements and armored for industrial environments or rugged installations.
- Loose-tube constructions with up to 24 fibers per tube and multitube cables with up to 216 fibers
- Full range of Connectors, Cords, Panels, Racks & Enclosures and Cable Management

## FiberExpress Ultra Patch Panel Housings



| Description                                   | Belden Part Number |
|-----------------------------------------------|--------------------|
| 1U Patch Panel, Empty, Titanium               | AX104681           |
| 2U Patch Panel, Empty, Titanium               | AX104682           |
| 4U Patch Panel, Empty, Titanium               | AX104683           |
| Splice Housing Kit, 1U, 144 splices, Titanium | AX104684           |
| FiberExpress Ultra HD Release Tool            | AX104685           |

## Standard Type-A Cassettes (Base12)



| Description                             |             |          | Belden Part Number |                   |                           |                   |                        |
|-----------------------------------------|-------------|----------|--------------------|-------------------|---------------------------|-------------------|------------------------|
| Patch Ports (fibers)                    | Trunk Ports | Family   | OM1 Beige Adapters | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters | OS2/APC Green Adapters |
| <b>LC Duplex to MPO-12(12f) Female</b>  |             |          |                    |                   |                           |                   |                        |
| 18 (36)                                 | 3           | FX UHD*  | —                  | FC3H18LDMF        | FC4H18LDMF                | FCSH18LDMF        | FCSH18LAMF             |
| 12 (24)                                 | 2           | FX Ultra | FC1U12LDMF         | FC3U12LDMF        | FC4U12LDMF                | FCSU12LDMF        | FCSU12LAMF             |
| <b>SC Duplex to MPO-12(12f) Female</b>  |             |          |                    |                   |                           |                   |                        |
| 6 (12)                                  | 1           | FX Ultra | FC1U06SDMF         | FC3U06SDMF        | FC4U06SDMF                | FCSU06SDMF        | FCSU06SAMF             |
| <b>SC Simplex to MPO-12(12f) Female</b> |             |          |                    |                   |                           |                   |                        |
| 12 (12)                                 | 1           | FX Ultra | —                  | —                 | —                         | FCSU12SCMF        | FCSU12SBMF             |

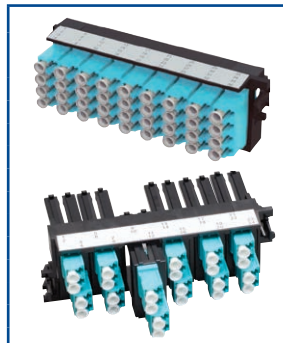
\*Optional HD Patch cord release tool AX104685

## Standard Type-A-Alternate Cassettes (Base12)



| Description                            |             |          | Belden Part Number |                   |                           |                   |                        |
|----------------------------------------|-------------|----------|--------------------|-------------------|---------------------------|-------------------|------------------------|
| Patch Ports (fibers)                   | Trunk Ports | Family   | OM1 Beige Adapters | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters | OS2/APC Green Adapters |
| <b>LC Duplex to MPO-12(12f) Female</b> |             |          |                    |                   |                           |                   |                        |
| 18 (36)                                | 3           | FX UHD   | —                  | FC3H18LDMF1A      | FC4H18LDMF1E              | FCSH18LDMF1B      | FCSH18LAMF1G           |
| 12 (24)                                | 2           | FX Ultra | FC1U12LDMF1T       | FC3U12LDMF1A      | FC4U12LDMF1E              | FCSU12LDMF1B      | FCSU12LAMF1G           |

## Standard Frames



| Description                         |          | Belden Part Number |                   |                           |                  |                       |
|-------------------------------------|----------|--------------------|-------------------|---------------------------|------------------|-----------------------|
| Patch Ports (fibers)                | Family   | OM1 Beige Adapters | OM3 Aqua Adapters | OM4 Erika Violet Adapters | SM Blue Adapters | SM/APC Green Adapters |
| <b>MPO Type-A (Key-Up/Key-Down)</b> |          |                    |                   |                           |                  |                       |
| 18                                  | FX UHD   | —                  | FF3H18MP          | FF4H18MP                  | —                | FFSH18MP              |
| 12                                  | FX Ultra | —                  | FF3U12MP          | FF4U12MP                  | —                | FFSU12MP              |
| <b>LC Duplex</b>                    |          |                    |                   |                           |                  |                       |
| 18 (36)                             | FX UHD   | —                  | FF3H18LD          | FF4H18LD                  | FFSH18LD         | FFSH18LA              |
| 12 (24)                             | FX Ultra | FF1U12LD           | FF3U12LD          | FF4U12LD                  | FFSU12LD         | FFSU12LA              |
| <b>SC Duplex</b>                    |          |                    |                   |                           |                  |                       |
| 6 (12)                              | FX Ultra | FF1U06SD           | FF3U06SD          | FF4U06SD                  | FFSU06SD         | FFSU06SA              |
| <b>SC Simplex</b>                   |          |                    |                   |                           |                  |                       |
| 12 (12)                             | FX Ultra | —                  | —                 | —                         | FFSU12SC         | FFSU12SB              |
| <b>ST</b>                           |          |                    |                   |                           |                  |                       |
| 12 (12), Metal                      | FX Ultra | FFSU12ST           |                   |                           |                  | —                     |

## Standard Pigtail Kits (Connector on 900 µm Fiber)



| Description |  | Belden Part Number |               |               |
|-------------|--|--------------------|---------------|---------------|
|             |  | OM3                | OM4           | OS2           |
| LC          |  | GT-39LC002R12      | GT-49LC002R12 | GT-S9LC002R12 |
| SC          |  | GT-39SC002R12      | GT-49SC002R12 | GT-S9SC002R12 |

Standard Color-coded Pigtail Kits contain 12 color-coded 900 µm fibers, 2 m in length.

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

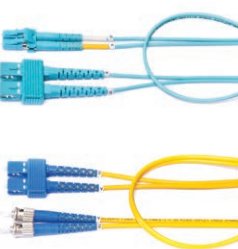


## FiberExpress® Hydra Assemblies and Patch Cords

- Fast switch deployment for dense fixed environments with MPO to LC fanout hydra assemblies
- Architectural flexibility with low loss 0.2 dB OM4 MPO and 0.15 dB OM4 LC connectors
- Off-the-shelf and rapid custom options with easy ordering through SmartPart numbers
- Better flexibility and scalability through multiple connector options, including LC, SC, ST and MPO
- Easier fiber type identification with Erika Violet (Heather Violet) for OM4 cable, connectors and adapters

### FX Patch Cords

|  | Description                      | FX OM1                                                        | FX OM3  | FX OM4    | FX SM    | FX SM/APC |
|------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------|---------|-----------|----------|-----------|
|                                                                                    | Cable Performance – LC/SC/ST     |                                                               |         |           |          |           |
|                                                                                    | IL max. 850 nm/1300 nm (dB/Km)   | 3.5/1.2                                                       | 3.0/1.2 | 3.0/1.2   | –        |           |
|                                                                                    | IL max. 1310 nm/1550 nm (dB/Km)  | –                                                             | –       | –         | 0.5/0.5  |           |
|                                                                                    | Fire Rating                      | LSNH                                                          |         |           |          |           |
|                                                                                    | Cable Style                      | LC: 2 mm Duplex Zip Cord / SC/ST/Hybrid: 3 mm Duplex Zip Cord |         |           |          |           |
|                                                                                    | Connector Performance – LC/SC/ST |                                                               |         |           |          |           |
|                                                                                    | IL max. (dB)                     | 0.25                                                          | 0.25    | 0.15      | 0.35     | 0.35      |
|                                                                                    | Polish – RL Typ. (dB)            | PC - 30                                                       | PC - 30 | PC - 30   | UPC - 55 | APC - 65  |
|                                                                                    | Cable Performance – MPO          |                                                               |         |           |          |           |
| IL max. 850 nm/1300 nm (dB/Km)                                                     | 3.5/1.2                          | 3.0/1.0                                                       | 3.0/1.0 | –         |          |           |
| IL max. 1310 nm/1550 nm (dB/Km)                                                    | –                                | –                                                             | –       | 0.35/0.25 |          |           |
| Fire Rating                                                                        | LSNH                             |                                                               |         |           |          |           |
| Cable Style                                                                        | MPO-12: 3 mm Round               |                                                               |         |           |          |           |
| Connectors Performance – MPO                                                       |                                  |                                                               |         |           |          |           |
| IL max. (dB)                                                                       | 0.5                              | 0.35                                                          | 0.2     | –         | 0.75     |           |
| Polish – RL Typ. (dB)                                                              | PC - 30                          | PC - 30                                                       | PC - 30 | –         | APC - 60 |           |

|  | Description                   | Length (m) | Belden Part Number |                |                |
|-------------------------------------------------------------------------------------|-------------------------------|------------|--------------------|----------------|----------------|
|                                                                                     | MPO-12(f) to MPO-12(f) – LSNH | 2          | GP-37MFMF002M      | GP-47MFMF002M  | –              |
|                                                                                     |                               | 3          | GP-37MFMF003M      | GP-47MFMF003M  | –              |
|                                                                                     |                               | 5          | GP-37MFMF005M      | GP-47MFMF005M  | –              |
|                                                                                     | LC-Duplex to LC Duplex – LSNH | 2          | GP-32LDLD002M      | GP-42LDLD002M  | GP-S2LDLD002M  |
|                                                                                     |                               | 3          | GP-32LDLD003M      | GP-42LDLD003M  | GP-S2LDLD003M  |
|                                                                                     |                               | 5          | GP-32LDLD005M      | GP-42LDLD005M  | GP-S2LDLD005M  |
|                                                                                     | SC Duplex to SC Duplex – LSNH | 2          | GP-32SDSD002M      | GP-42SDSD002M  | GP-S2SDSD002M  |
|                                                                                     |                               | 3          | GP-32SDSD003M      | GP-42SDSD003M  | GP-S2SDSD003M  |
|                                                                                     |                               | 5          | GP-32SDSD005M      | GP-42SDSD005M  | GP-S2SDSD005M  |
|                                                                                     | SC Duplex to LC Duplex – LSNH | 3          | GP-32LSDSD003M     | GP-42LSDSD003M | GP-S2LSDSD003M |

### FiberExpress MPO Trunk Cables

|  | Description             | Length (m) | Belden Part Number |               |               |
|-------------------------------------------------------------------------------------|-------------------------|------------|--------------------|---------------|---------------|
|                                                                                     | MPO to MPO (F-F) – LSNH | 10         | G-3LMFMF010MB      | G-4LMFMF010MB | G-SLMFMF010MB |
|                                                                                     |                         | 20         | G-3LMFMF020MB      | G-4LMFMF020MB | G-SLMFMF020MB |
|                                                                                     |                         | 30         | G-3LMFMF030MB      | G-4LMFMF030MB | G-SLMFMF030MB |
|                                                                                     | MPO to MPO (M-M) – LSNH | 10         | G-3LMMMM010MB      | G-4LMMMM010MB | G-SLMMMM010MB |
|                                                                                     |                         | 20         | G-3LMMMM020MB      | G-4LMMMM020MB | G-SLMMMM020MB |
|                                                                                     |                         | 30         | G-3LMMMM030MB      | G-4LMMMM030MB | G-SLMMMM030MB |



## Belden® Power Distribution Units (PDUs)

The new highly flexible range of standard and non-standard Belden Power Distribution Units helps to reduce downtime in the Data Center environment while at the same time improving energy efficiency and overall system reliability.

Complete flexibility: with a range of Data Center specific Belden PDUs to choose from, you can select exactly the right solution for your critical applications while at the same time helping to achieve maximum uptime and energy efficiency.

### Product Features

Regulatory:

- CE Marked
- Complies with EN 55022: IT equipment
  - Radio disturbance characteristics
- Complies with EN 55024: IT equipment
  - Immunity characteristics
- Complies with IEC 60950-1: IT equipment
  - Safety – Part1: General requirements

| Description                      | Basic PDU | Basic Local Power Monitoring | Intelligent Power Monitoring | Intelligent Power Monitoring & Switching | Intelligent Power Monitoring per Outlet & Switching |
|----------------------------------|-----------|------------------------------|------------------------------|------------------------------------------|-----------------------------------------------------|
| Monitoring                       | –         | Power                        | Power                        | Power                                    | Power                                               |
| Local Display                    | –         | ✓                            | ✓                            | ✓                                        | ✓                                                   |
| IP Monitoring                    | –         | –                            | ✓                            | ✓                                        | ✓                                                   |
| SNMP Enabled                     | –         | –                            | ✓                            | ✓                                        | ✓                                                   |
| Log Data at PDU 1 month          | –         | –                            | ✓                            | ✓                                        | ✓                                                   |
| Add External Sensors             | –         | –                            | ✓                            | ✓                                        | ✓                                                   |
| Switching on/off Specific Outlet | –         | –                            | –                            | ✓                                        | ✓                                                   |
| Monitor Specific Outlet          | –         | –                            | –                            | –                                        | ✓                                                   |

Power supply: Single phase, three phase

Rack PDUs Mounting versions & compatibility: Horizontal fits 19" racks, vertical Zero U units fit vertically into 42U to 47U racks

### Accessories

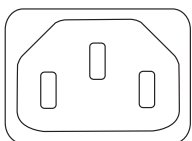
Sensor ability to connect external monitoring sensors

| Description                                                           | Part Number |
|-----------------------------------------------------------------------|-------------|
| Remote Temperature Sensor with 3.66 m (12 ft.) wire                   | 9318-0501   |
| Remote Temperature/Air Flow/Humidity Sensor with 3.66 m (12 ft.) wire | 9318-0503   |
| Remote Door Position Sensor                                           | 9318-0504   |
| Remote Water Detection Sensor                                         | 9318-0505   |

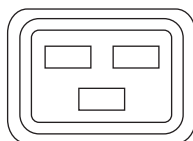


9318-0503 – Remote sensor assembly for temperature, air flow and humidity

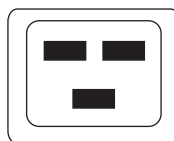
### Receptacles & Plugs



IEC C13 Receptacle



IEC C19 Receptacle



IEC C20 Plug



3P+N+E Plug



P+N+E Plug

Note: Locking receptacles also available

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



| Belden Part Number | Number of Outlets | Power Supply | Inlet Plug | Mounting Style | Receptacle 1 | Receptacle 2 | Cord Style | Circuit Breaker | Color |
|--------------------|-------------------|--------------|------------|----------------|--------------|--------------|------------|-----------------|-------|
|--------------------|-------------------|--------------|------------|----------------|--------------|--------------|------------|-----------------|-------|



Part Number: PDU-3044

| Basic PDU |   |                      |                       |                     |                |     |                |     |               |
|-----------|---|----------------------|-----------------------|---------------------|----------------|-----|----------------|-----|---------------|
| PDU-3044  | 8 | 16 A, 230 V, 1 Phase | P+N+E (1 Phase), Blue | Horizontal/Vertical | 8 x IEC320 C13 | N/A | 3 m with P+N+E | N/A | Black RAL9005 |



Part Number: PDU-2868

| Basic PDU with Local Unit Level Power Monitoring |    |                      |                       |                     |                 |                |                |     |               |
|--------------------------------------------------|----|----------------------|-----------------------|---------------------|-----------------|----------------|----------------|-----|---------------|
| PDU-2774                                         | 30 | 16 A, 230 V, 1 Phase | P+N+E (1 Phase), Blue | Vertical            | 24 x IEC320 C13 | 6 x IEC320 C19 | 3 m with P+N+E | N/A | Black RAL9005 |
| PDU-2868                                         | 8  |                      |                       | Horizontal/Vertical | 8 x IEC320 C13  | N/A            |                | N/A |               |
| PDU-2643                                         | 30 | 32 A, 230 V, 1 Phase |                       | Vertical            | 24 x IEC320 C13 | 6 x IEC320 C19 |                | Yes |               |



Part Number: PDU-11249

| Intelligent PDU with Local & Remote Unit Level Power Monitoring and Optional Environmental Monitoring |    |                              |                       |            |                         |                        |                 |     |               |
|-------------------------------------------------------------------------------------------------------|----|------------------------------|-----------------------|------------|-------------------------|------------------------|-----------------|-----|---------------|
| PDU-11222                                                                                             | 30 | 32 A, 230 V, 1 Phase         | P+N+E (1 Phase), Blue | Vertical   | 24 x IEC320 C13         | 6 x IEC320 C19         | 3 m with P+N+E  | Yes | Black RAL9005 |
| PDU-2731                                                                                              | 30 | 16 A, 230 V, 1 Phase         |                       |            |                         |                        |                 | N/A |               |
| PDU-2660                                                                                              | 12 |                              | C20 (1 Phase), Black  | Horizontal | 12 x IEC320 C13         | N/A                    | 3 m with C20    | N/A |               |
| PDU-11249                                                                                             | 30 | 32 A, 230 V, 1 Phase         | P+N+E (1 Phase), Blue | Vertical   | 24 x Locking IEC320 C13 | 6 x Locking IEC320 C19 | 3 m with P+N+E  | Yes |               |
| PDU-11248                                                                                             | 42 |                              |                       |            | 36 x IEC320 C13         | 6 x IEC320 C19         |                 | Yes |               |
| PDU-2332                                                                                              | 30 | 16 A, 230/400 V WYE, 3 Phase | 3P+N+E (3 Phase), Red |            | 24 x IEC320 C13         |                        | 3 m with 3P+N+E | N/A |               |
| PDU-2297                                                                                              | 30 | 32 A, 230/400 V WYE, 3 Phase |                       |            |                         |                        |                 | Yes |               |
| PDU-10354                                                                                             | 30 |                              |                       |            | 24 x Locking IEC320 C13 | 6 x Locking IEC320 C19 |                 | Yes |               |



Part Number: PDU-8421

| Intelligent PDU with Local & Remote Unit Level Power Monitoring, Remote Outlet Switching and Optional Environmental Monitoring |    |                              |                       |          |                         |                        |                 |     |               |
|--------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|-----------------------|----------|-------------------------|------------------------|-----------------|-----|---------------|
| PDU-8421                                                                                                                       | 24 | 16 A, 230/400 V WYE, 3 Phase | 3P+N+E (3 Phase), Red | Vertical | 21 x Locking IEC320 C13 | 3 x Locking IEC320 C19 | 3 m with 3P+N+E | N/A | Black RAL9005 |
| PDU-8422                                                                                                                       | 24 | 32 A, 230/400 V WYE, 3 Phase |                       |          |                         |                        |                 | Yes |               |
| PDU-8420                                                                                                                       | 24 | 16 A, 230 V, 1 Phase         | P+N+E (1 Phase), Blue |          | 20 x Locking IEC320 C13 | 4 x Locking IEC320 C19 | 3 m with P+N+E  | N/A |               |
| PDU-11246                                                                                                                      | 24 | 32 A, 230 V, 1 Phase         |                       |          |                         |                        |                 | Yes |               |



Part Number: PDU-8424

| Intelligent PDU with Local & Remote Outlet Level Power Monitoring, Remote Outlet Switching and optional Environmental Monitoring |    |                              |                       |            |                         |                        |                 |     |               |
|----------------------------------------------------------------------------------------------------------------------------------|----|------------------------------|-----------------------|------------|-------------------------|------------------------|-----------------|-----|---------------|
| PDU-8425                                                                                                                         | 24 | 16 A, 230/400 V WYE, 3 Phase | 3P+N+E (3 Phase), Red | Vertical   | 21 x Locking IEC320 C13 | 3 x Locking IEC320 C19 | 3 m with 3P+N+E | N/A | Black RAL9005 |
| PDU-8426                                                                                                                         | 24 | 32 A, 230/400 V WYE, 3 Phase |                       |            |                         |                        |                 | Yes |               |
| PDU-8424                                                                                                                         | 24 | 16 A, 230 V, 1 Phase         | P+N+E (1 Phase), Blue | Horizontal | 8 x Locking IEC320 C13  | N/A                    | 3 m with P+N+E  | N/A |               |
| PDU-8503                                                                                                                         | 8  |                              | C20 (1 Phase) Black   |            |                         |                        | 3 m with C20    | N/A |               |
| PDU-11247                                                                                                                        | 24 | 32 A, 230 V, 1 Phase         | P+N+E (1 Phase), Blue | Vertical   | 20 x Locking IEC320 C13 | 4 x Locking IEC320 C19 | 3 m with P+N+E  | Yes |               |

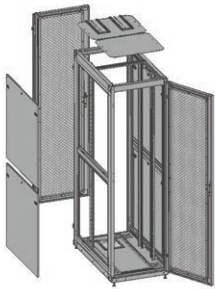
# Rack and Enclosure Systems

Belden enclosures and racks are designed to meet the unique requirements of Commercial AV applications. These enclosures provide the flexibility and versatility needed to house and protect servers and other delicate electronic equipment, and allow the right amount of room needed for proper functioning.

Key features include:

- European standards: EN 62208 ed.2:2011
- Environmental protection, all parts are made of recyclable materials
- To avoid dust penetration at the cable entries use the blanking panel with brush or protective frame
- Welded frame construction on enclosures for greater strength and support
- Numerous top/bottom and side entry points for easy configuration

## Free Standing Enclosures

| Cabinet Type                                                                                                                                                                                                                   | Width  | Depth   | Height | Belden Part Number | Description                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|--------|--------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>ESN Server Networking</b><br>1200 kg load capacity<br>  | 600 mm | 800 mm  | 32RU   | ESN3268PVCC2B      | Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout |
|                                                                                                                                                                                                                                |        |         | 37RU   | ESN3768PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 42RU   | ESN4268PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 42RU   | ESN4268NNCC0B      |                                                                                                                           |
|                                                                                                                                                                                                                                | 600 mm | 1000 mm | 42RU   | ESN4261PVCC2B      | Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout |
|                                                                                                                                                                                                                                |        |         | 45RU   | ESN4561PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                | 600 mm | 1200 mm | 45RU   | ESN4562PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 47RU   | ESN4762PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                | 800 mm | 800 mm  | 42RU   | ESN4288PVCC2B      | Black, 19" mounting, no doors and no sides                                                                                |
|                                                                                                                                                                                                                                |        |         | 42RU   | ESN4288NNCC0B      |                                                                                                                           |
|                                                                                                                                                                                                                                | 800 mm | 1000 mm | 42RU   | ESN4281PVCC2B      | Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout |
|                                                                                                                                                                                                                                |        |         | 45RU   | ESN4581PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 45RU   | ESN4582PVCC2B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 47RU   | ESN4782PVCC2B      |                                                                                                                           |
| <b>Upgradable to 1500 kg</b>                                                                                                                                                                                                   | 800 mm | 1200 mm | 42RU   | EDASR042           | ESN 800 mm Wide version can be upgraded to 1500 kg by ordering reinforcement kit                                          |
|                                                                                                                                                                                                                                |        |         | 45RU   | EDASR045           |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         | 47RU   | EDASR047           |                                                                                                                           |
| <b>EWR Wall Mount Enclosure</b><br>                      | 600 mm | 370 mm  | 6RU    | EWR06-4GX-F-B      | with thermostat, CEE 7/7 power cord, black                                                                                |
|                                                                                                                                                                                                                                |        | 495 mm  |        | EWR06-5GX-F-B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        | 370 mm  | 12RU   | EWR12-4GX-F-B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        | 495 mm  |        | EWR12-5GX-F-B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        | 595 mm  |        | EWR12-6GX-F-B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        | 495 mm  | 18RU   | EWR18-5GX-F-B      |                                                                                                                           |
|                                                                                                                                                                                                                                |        |         |        |                    |                                                                                                                           |

| Accessories                                     | Height | Belden Part Number | Description                                     |
|-------------------------------------------------|--------|--------------------|-------------------------------------------------|
| Single Cable Manager                            | 42U    | EDAV1422           | Vertical finger strip, Black                    |
|                                                 | 45U    | EDAV1452           |                                                 |
|                                                 | 47U    | EDAV1472           |                                                 |
| Double Cable Manager                            | 42U    | EDAV2422           |                                                 |
|                                                 | 45U    | EDAV2452           |                                                 |
|                                                 | 47U    | EDAV2472           |                                                 |
| Optional Cover for Double Cable Manager         | 42U    | EDAV3422           | Cable Manager Cover, Black                      |
|                                                 | 45U    | EDAV3452           |                                                 |
|                                                 | 47U    | EDAV3472           |                                                 |
| ESN Top (bottom) fan unit, 2 fans, 220V/30W     |        | EDAF1022           | With thermostat, CEE 7/7 power cord, black      |
| ESN Top (bottom) fan unit, 4 fans, 220V/60W     |        | EDAF1042           |                                                 |
| ESN Top (bottom) fan unit, 6 fans, 220V/90W     |        | EDAF1062           |                                                 |
| EWR Fankit assembly: 1 fan 15W 220-240V 50/60Hz |        | EDAF3012           | Incl. plastic frame with filter and metal frame |

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



## Part Number Index

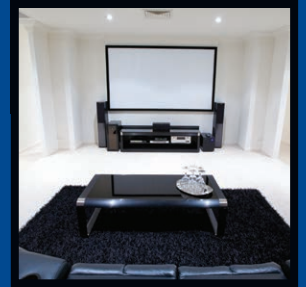
| Part No.        | Page   | Part No.        | Page   | Part No.       | Page   | Part No.     | Page | Part No.  | Page |
|-----------------|--------|-----------------|--------|----------------|--------|--------------|------|-----------|------|
| 4T00UP          | 4      | 10GXE00.06500   | 16     | 1212F 008A1000 | 14     | 2424.09A305  | 15   | 5200UE    | 4    |
| 5T00UP          | 4      | 10GXE00.07100   | 16     | 1212F 009A1000 | 14     | 2424.06305   | 15   | 5200UP    | 4    |
| 5T00UP          | 4      | 10GXE00.07500   | 16     | 1212F 0061000  | 14     | 2424.06500   | 15   | 5202FE    | 3    |
| 10GB12.06A100   | 16     | 10GXE00.08100   | 16     | 1212F 0071000  | 14     | 2424.07305   | 15   | 5202UE    | 4    |
| 10GB12.07A100   | 16     | 10GXE00.08500   | 16     | 1212F 0081000  | 14     | 2424.07500   | 15   | 5202UP    | 4    |
| 10GB12.08A100   | 16     | 10GXE00.09100   | 16     | 1212F 0091000  | 14     | 2424.08305   | 15   | 5300FE    | 3    |
| 10GB12.09A100   | 16     | 10GXE00.09500   | 16     | 1224.06U305    | 14     | 2424.08500   | 15   | 5300UE    | 4    |
| 10GB12.06500    | 16     | 10GXE01         | 12, 13 | 1224.07U305    | 14     | 2424.09305   | 15   | 5300UP    | 4    |
| 10GB12.07500    | 16     | 10GXE01.06305   | 16     | 1224.08U305    | 14     | 2424.09500   | 15   | 5302FE    | 3    |
| 10GB12.08500    | 16     | 10GXE01.06500   | 16     | 1224.09U305    | 14     | 2424D.06A305 | 15   | 5302UE    | 4    |
| 10GB12.09500    | 16     | 10GXE01.07305   | 16     | 1224.06500     | 14     | 2424D.07A305 | 15   | 5302UP    | 4    |
| 10GB24.06A100   | 16     | 10GXE01.07500   | 16     | 1224.07500     | 14     | 2424D.08A305 | 15   | 5320UE    | 4    |
| 10GB24.07A100   | 16     | 10GXE01.08305   | 16     | 1224.08500     | 14     | 2424D.09A305 | 15   | 5321UE    | 4    |
| 10GB24.08A100   | 16     | 10GXE01.08500   | 16     | 1224.09500     | 14     | 2424D.06305  | 15   | 5322UE    | 4    |
| 10GB24.09A100   | 16     | 10GXE01.09305   | 16     | 1277R          | 6      | 2424D.06500  | 15   | 5400FE    | 3    |
| 10GB24.06500    | 16     | 10GXE01.09500   | 16     | 1278R          | 6      | 2424D.07305  | 15   | 5402FE    | 3    |
| 10GB24.07500    | 16     | 10GXE02         | 12, 13 | 1279R          | 6      | 2424D.07500  | 15   | 5500FE    | 3    |
| 10GB24.08500    | 16     | 10GXE02.06305   | 16     | 1280R          | 6      | 2424D.08305  | 15   | 5502FE    | 3    |
| 10GB24.09500    | 16     | 10GXE02.06500   | 16     | 1281R          | 6      | 2424D.08500  | 15   | 5520UE    | 4    |
| 10GX12 0061000  | 16     | 10GXE02.07305   | 16     | 1281S3         | 6      | 2424D.09305  | 15   | 5522UE    | 4    |
| 10GX12 0071000  | 16     | 10GXE02.07500   | 16     | 1281S5         | 6      | 2424D.09500  | 15   | 7860E     | 12   |
| 10GX12 0081000  | 16     | 10GXE02.08305   | 16     | 1281S6         | 6      | 2425D.06A305 | 15   | 7860ENH   | 12   |
| 10GX12 0091000  | 16     | 10GXE02.08500   | 16     | 1302E          | 13     | 2425D.07A305 | 15   | 7987R     | 7    |
| 10GX24.06A1000  | 16     | 10GXE02.09305   | 16     | 1303E          | 13     | 2425D.08A305 | 15   | 7988R     | 7    |
| 10GX24.07A1000  | 16     | 10GXE02.09500   | 16     | 1303EPU        | 13     | 2425D.09A305 | 15   | 8451      | 13   |
| 10GX24.08A1000  | 16     | 10GXE91.06500   | 16     | 1304A          | 13     | 2425D.06305  | 15   | 9100      | 7    |
| 10GX24.09A1000  | 16     | 10GXE91.07500   | 16     | 1305A          | 13     | 2425D.06500  | 15   | 9116      | 7    |
| 10GX24.061000   | 16     | 10GXE91.08500   | 16     | 1382LA         | 12     | 2425D.07305  | 15   | 9318-0501 | 26   |
| 10GX24.071000   | 16     | 10GXE91.09500   | 16     | 1384LA         | 12     | 2425D.07500  | 15   | 9318-0503 | 26   |
| 10GX24.081000   | 16     | 10GXE92.06500   | 16     | 1385LA         | 12     | 2425D.08305  | 15   | 9318-0504 | 26   |
| 10GX24.091000   | 16     | 10GXE92.07500   | 16     | 1386LA         | 12     | 2425D.08500  | 15   | 9318-0505 | 26   |
| 10GX32 0061000  | 16     | 10GXE92.08500   | 16     | 1387LA         | 12     | 2425D.09305  | 15   | 9841      | 12   |
| 10GX32 0071000  | 16     | 10GXE92.09500   | 16     | 1388LA         | 12     | 2425D.09500  | 15   | 9841NH    | 12   |
| 10GX32 0081000  | 16     | 10GXS12 0061000 | 16     | 1389LA         | 12     | 3105A        | 12   | 9842      | 12   |
| 10GX32 0091000  | 16     | 10GXS12 0071000 | 16     | 1392A          | 12, 13 | 3105ENH      | 12   | 9842NH    | 12   |
| 10GX44 006A1000 | 16     | 10GXS12 0081000 | 16     | 1502R          | 12, 13 | 3107A        | 12   | 70030     | 3    |
| 10GX44 007A1000 | 16     | 10GXS12 0091000 | 16     | 1502SB         | 13     | 3107ENH      | 12   | 70030CH   | 3    |
| 10GX44 008A1000 | 16     | 10GXS32 0061000 | 16     | 1523A          | 7      | 4000FE       | 3    | 70031     | 3    |
| 10GX44 009A1000 | 16     | 10GXS32 0071000 | 16     | 1633E          | 13     | 4000UE       | 4    | 70031CH   | 3    |
| 10GX44 0061000  | 16     | 10GXS32 0081000 | 16     | 1633ENH        | 13     | 4100FE       | 3    | 70032     | 3    |
| 10GX44 0071000  | 16     | 10GXS32 0091000 | 16     | 1807A          | 7      | 4100UE       | 4    | 70032CH   | 3    |
| 10GX44 0081000  | 16     | 10GXS12006A1000 | 16     | 1808A          | 7      | 4102UE       | 4    | 70033     | 3    |
| 10GX44 0091000  | 16     | 10GXS12007A1000 | 16     | 2183R          | 13     | 4200FE       | 3    | 70033CH   | 3    |
| 10GX52F 0061000 | 16     | 10GXS12008A1000 | 16     | 2412D.06A305   | 15     | 4200UE       | 4    | 70034     | 3    |
| 10GX52F 0071000 | 16     | 10GXS12009A1000 | 16     | 2412D.07A305   | 15     | 4202FE       | 3    | 70034CH   | 3    |
| 10GX52F 0081000 | 16     | 10GXS32006A1000 | 16     | 2412D.08A305   | 15     | 4202UE       | 4    | 70035     | 3    |
| 10GX52F 0091000 | 16     | 10GXS32007A1000 | 16     | 2412D.09A305   | 15     | 4300FE       | 3    | 70035CH   | 3    |
| 10GX62F         | 12, 13 | 10GXS32008A1000 | 16     | 2412D.06305    | 15     | 4300UE       | 4    | 70036     | 3    |
| 10GX62F 00Z1000 | 16     | 10GXS32009A1000 | 16     | 2412D.06500    | 15     | 4302FE       | 3    | 70036CH   | 3    |
| 10GX62F 0061000 | 16     | 90SNS1P11H      | 9      | 2412D.07305    | 15     | 4302UE       | 4    | 70037     | 3    |
| 10GX62F 0071000 | 16     | 716SNS1P11H     | 7, 9   | 2412D.07500    | 15     | 4400FE       | 3    | 70037CH   | 3    |
| 10GX62F 0081000 | 16     | 716SNS1P11HQ    | 5, 9   | 2412D.08305    | 15     | 4402FE       | 3    | 70039     | 3    |
| 10GX62F 0091000 | 16     | 1212 006U1000   | 14     | 2412D.08500    | 15     | 4500FE       | 3    | 70039CH   | 3    |
| 10GX12006A1000  | 16     | 1212 007U1000   | 14     | 2412D.09305    | 15     | 4502FE       | 3    | 70041     | 3    |
| 10GX12007A1000  | 16     | 1212 008U1000   | 14     | 2412D.09500    | 15     | 5000FE       | 3    | 70041CH   | 3    |
| 10GX12008A1000  | 16     | 1212 009U1000   | 14     | 2412F          | 12     | 5000UE       | 4    | 70042     | 3    |
| 10GX12009A1000  | 16     | 1212 0061000    | 14     | 2412F 0061000  | 15     | 5000UP       | 4    | 70042CH   | 3    |
| 10GX32006A1000  | 16     | 1212 0071000    | 14     | 2412F 0071000  | 15     | 5100FE       | 3    | 70043     | 3    |
| 10GX32007A1000  | 16     | 1212 0081000    | 14     | 2412F 0081000  | 15     | 5100UE       | 4    | 70043CH   | 3    |
| 10GX32008A1000  | 16     | 1212 0091000    | 14     | 2412F 0091000  | 15     | 5100UP       | 4    | 70044     | 3    |
| 10GX32009A1000  | 16     | 1212F           | 13     | 2424.06A305    | 15     | 5102UE       | 4    | 70044CH   | 3    |
| 10GXE00         | 12, 13 | 1212F 006A1000  | 14     | 2424.07A305    | 15     | 5102UP       | 4    | 70045     | 4    |
| 10GXE00.06100   | 16     | 1212F 007A1000  | 14     | 2424.08A305    | 15     | 5200FE       | 3    | 70046     | 4    |

## Part Number Index

| Part No.     | Page       | Part No.     | Page          | Part No.       | Page | Part No.      | Page       | Part No.       | Page |
|--------------|------------|--------------|---------------|----------------|------|---------------|------------|----------------|------|
| 70047        | 4          | AX105252-B25 | 22, 23        | DS013FB        | 11   | FCSU12LDMF    | 24         | G-4LMMMM010MB  | 25   |
| 70048        | 4          | AX105253-B25 | 22, 23        | DS015FB        | 11   | FCSU12LDMF1B  | 24         | G-4LMMMM020MB  | 25   |
| 70050        | 13         | AX105334-AL  | 14            | DSI002MB       | 11   | FCSU12SBMF    | 24         | G-4LMMMM030MB  | 25   |
| 70080        | 5          | AX105334-BK  | 14            | DSI003MB       | 11   | FCSU12SCMF    | 24         | GIBTE04        | 13   |
| 70080NH      | 5          | AX105334-EW  | 14            | DSI005MB       | 11   | FF1U06SD      | 24         | GP-32LDDL002M  | 25   |
| 70081        | 5          | AX105335-AL  | 14            | EDAF1022       | 28   | FF1U12LD      | 24         | GP-32LDDL003M  | 25   |
| 70081NH      | 5          | AX105335-BK  | 14            | EDAF1042       | 28   | FF3H18LD      | 24         | GP-32LDDL005M  | 25   |
| 70082        | 5          | AX105335-EW  | 14            | EDAF1062       | 28   | FF3H18MP      | 24         | GP-32LSDSD003M | 25   |
| 70082NH      | 5          | AX105336-AL  | 14            | EDAF3012       | 28   | FF3U06SD      | 24         | GP-32SDSD002M  | 25   |
| 70084        | 5          | AX105336-BK  | 14            | EDASR042       | 28   | FF3U12LD      | 24         | GP-32SDSD003M  | 25   |
| 70084NH      | 5          | AX105336-EW  | 14            | EDASR045       | 28   | FF3U12MP      | 24         | GP-32SDSD005M  | 25   |
| 433945       | 7          | AX105337-AL  | 14            | EDASR047       | 28   | FF4H18LD      | 24         | GP-37MFMF002M  | 25   |
| 439945       | 7          | AX105337-BK  | 14            | EDAV1422       | 28   | FF4H18MP      | 24         | GP-37MFMF003M  | 25   |
| 443945       | 7          | AX105337-EW  | 14            | EDAV1452       | 28   | FF4U06SD      | 24         | GP-37MFMF005M  | 25   |
| 449945       | 7          | AX105338-AL  | 14            | EDAV1472       | 28   | FF4U12LD      | 24         | GP-42LDDL002M  | 25   |
| 533945       | 7          | AX105338-BK  | 14            | EDAV2422       | 28   | FF4U12MP      | 24         | GP-42LDDL003M  | 25   |
| 539945       | 7          | AX105338-EW  | 14            | EDAV2452       | 28   | FFSH18LA      | 24         | GP-42LDDL005M  | 25   |
| 543945       | 7          | AX105339-AL  | 14            | EDAV2472       | 28   | FFSH18LD      | 24         | GP-42LSDSD003M | 25   |
| 549945       | 7          | AX105339-BK  | 14            | EDAV3422       | 28   | FFSH18MP      | 24         | GP-42SDSD002M  | 25   |
| AC303569     | 7          | AX105339-EW  | 14            | EDAV3452       | 28   | FFSU06SA      | 24         | GP-42SDSD003M  | 25   |
| AC303570     | 7          | AX105340-AL  | 14            | EDAV3472       | 28   | FFSU06SD      | 24         | GP-42SDSD005M  | 25   |
| AC303571     | 7          | AX105340-BK  | 14            | ESN3268PVCC2B  | 28   | FFSU12LA      | 24         | GP-47MFMF002M  | 25   |
| AC303572     | 7          | AX105340-EW  | 14            | ESN3768PVCC2B  | 28   | FFSU12LD      | 24         | GP-47MFMF003M  | 25   |
| AC303573     | 7          | AX105341-AL  | 14            | ESN4261PVCC2B  | 28   | FFSU12MP      | 24         | GP-47MFMF005M  | 25   |
| AC303574     | 7          | AX105341-BK  | 14            | ESN4268NNCC0B  | 28   | FFSU12SB      | 24         | GP-S2LDDL002M  | 25   |
| AC303575     | 7          | AX105341-EW  | 14            | ESN4268PVCC2B  | 28   | FFSU12SC      | 24         | GP-S2LDDL003M  | 25   |
| AC303576     | 7          | AX105342-AL  | 14            | ESN4281PVCC2B  | 28   | FFSU12ST      | 24         | GP-S2LDDL005M  | 25   |
| AX102903     | 14         | AX105342-BK  | 14            | ESN4288NNCC0B  | 28   | FI4B004RBA    | 13         | GP-S2LSDSD003M | 25   |
| AX102904     | 14         | AX105342-EW  | 14            | ESN4288PVCC2B  | 28   | FS1BNC        | 6, 8       | GP-S2SDSD002M  | 25   |
| AX102905     | 14         | AX105344-AL  | 14            | ESN4561PVCC2B  | 28   | FS1BNCST      | 8          | GP-S2SDSD003M  | 25   |
| AX102906     | 14         | AX105344-BK  | 14            | ESN4562PVCC2B  | 28   | FS1RCA        | 6          | GP-S2SDSD005M  | 25   |
| AX102907     | 14         | AX105344-EW  | 14            | ESN4581PVCC2B  | 28   | FS6BNCUS      | 8, 9       | G-SLMFMF010MB  | 25   |
| AX102908     | 14         | AX105345-AL  | 14            | ESN4582PVCC2B  | 28   | FS15BNCST     | 8          | G-SLMFMF020MB  | 25   |
| AX103114     | 14, 15, 16 | AX105345-BK  | 14            | ESN4762PVCC2B  | 28   | FS59BNCUS     | 8          | G-SLMFMF030MB  | 25   |
| AX103115     | 14, 15, 16 | AX105345-EW  | 14            | ESN4782PVCC2B  | 28   | FS59US        | 9          | G-SLMMMM010MB  | 25   |
| AX103121     | 14, 15, 16 | AX105346-AL  | 14            | EWRO6-4GX-F-B  | 28   | FSBNC1RA      | 8          | G-SLMMMM020MB  | 25   |
| AX103248     | 14, 15, 16 | AX105346-BK  | 14            | EWRO6-5GX-F-B  | 28   | FSBNC1RGB     | 8          | G-SLMMMM030MB  | 25   |
| AX103249     | 14, 15, 16 | AX105346-EW  | 14            | EWRI12-4GX-F-B | 28   | FSBNC6URA     | 8, 9       | GT-39LC002R12  | 24   |
| AX103253     | 15         | BE43906      | 12            | EWRI12-5GX-F-B | 28   | FSBNC15RA     | 8          | GT-39SC002R12  | 24   |
| AX103254     | 16         | CMPMNC37     | 7             | EWRI12-6GX-F-B | 28   | FSBNC15RGB    | 8          | GT-49LC002R12  | 24   |
| AX103255     | 15         | CPLCCT-SLM   | 5, 6, 7, 8, 9 | EWRI18-5GX-F-B | 28   | FSBNC59URA    | 8          | GT-49SC002R12  | 24   |
| AX103256     | 16         | CPLCRBC-BR   | 8, 9          | EX651XLNT      | 7    | FSNS6BNCU     | 5, 7, 8, 9 | GT-S9LC002R12  | 24   |
| AX104013     | 14         | CX9D0        | 7             | FC1U06SDMF     | 24   | FSNS6RCAU     | 5          | GT-S9SC002R12  | 24   |
| AX104014     | 14         | CX9D1        | 7             | FC1U12LDMF     | 24   | FSNS6U        | 5, 7       | H121T00        | 7    |
| AX104271     | 23         | DB1BNC       | 8             | FC1U12LDMF1T   | 24   | FSNS11HBNC    | 8          | H121T01        | 7    |
| AX104563     | 14, 15, 16 | DB6BNCU      | 8             | FC3H18LDMF     | 24   | FSNS11QHBN    | 5, 8       | H125D00        | 7    |
| AX104564     | 14, 15, 16 | DB6U-25      | 9             | FC3H18LDMF1A   | 24   | FSNS15        | 5, 9       | H125D01        | 7    |
| AX104573     | 14         | DB15-25      | 9             | FC3U06SDMF     | 24   | FSNS15BNC     | 5, 8       | H126T00        | 7    |
| AX104574     | 14         | DB15BNCHD    | 8             | FC3U12LDMF     | 24   | FSNS59BNCST   | 7          | H126T01        | 7    |
| AX104575     | 14         | DB59BNCU     | 8             | FC3U12LDMF1A   | 24   | FSNS59BNCU    | 5, 8       | HD-700-2       | 10   |
| AX104681     | 24         | DB59U-25     | 9             | FC4H18LDMF     | 24   | FSNS59RCAU    | 5          | HD-700-4       | 10   |
| AX104682     | 24         | DDD001MB     | 11            | FC4H18LDMF1E   | 24   | FSNS59U       | 5, 7, 9    | HD-700-8       | 10   |
| AX104683     | 24         | DDD002FB     | 11            | FC4U06SDMF     | 24   | FSNS59URA     | 9          | HD-700-16      | 10   |
| AX104684     | 24         | DDD002MB     | 11            | FC4U12LDMF     | 24   | FSRCA15RGB    | 5          | HD-700-25      | 10   |
| AX104685     | 24         | DDD003MB     | 11            | FC4U12LDMF1E   | 24   | G-3LMFMF010MB | 25         | HD-700-35      | 10   |
| AX105152     | 17         | DDD005MB     | 11            | FCSH18LDMF     | 24   | G-3LMFMF020MB | 25         | HD-700-50      | 10   |
| AX105153     | 17         | DDD013FB     | 11            | FCSH18LDMF1G   | 24   | G-3LMFMF030MB | 25         | HDC001MB       | 10   |
| AX105156     | 15         | DDI002MB     | 11            | FCSH18LDMF1B   | 24   | G-3LMMMM010MB | 25         | HDC002MB       | 10   |
| AX105157     | 15         | DDI003MB     | 11            | FCSH18LDMF1B   | 24   | G-3LMMMM020MB | 25         | HDC003MB       | 10   |
| AX105202-B25 | 22, 23     | DDI005MB     | 11            | FCSU06SAMF     | 24   | G-3LMMMM030MB | 25         | HDE001MB       | 10   |
| AX105203-B25 | 22, 23     | DS0003FB     | 11            | FCSU06SDMF     | 24   | G-4LMFMF010MB | 25         | HDE002FB       | 10   |
| AX105207-B25 | 22, 23     | DS0006FB     | 11            | FCSU12LDMF     | 24   | G-4LMFMF020MB | 25         | HDE002MB       | 10   |
| AX105208-B25 | 22, 23     | DS0010FB     | 11            | FCSU12LDMF1G   | 24   | G-4LMFMF030MB | 25         | HDE003FB       | 10   |



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



## Part Number Index

| Part No.      | Page   | Part No.      | Page   | Part No.      | Page       | Part No.      | Page       |
|---------------|--------|---------------|--------|---------------|------------|---------------|------------|
| HDE003MB      | 10     | RV5MJKUBK-S1  | 19     | RV6MJKUTN-B24 | 19         | SDT11-250     | 5, 7       |
| HDE005MB      | 10     | RV5MJKUBL-B24 | 14, 19 | RV6MJKUTN-S1  | 19         | SNS1P11H      | 9          |
| HDE006FB      | 10     | RV5MJKUBL-S1  | 19     | RV6MJKUTO-B24 | 19         | SNSUNI        | 5, 7, 8, 9 |
| HDE007MB      | 10     | RV5MJKUBR-B24 | 19     | RV6MJKUTO-S1  | 19         | SSFPP-P00M5-1 | 21         |
| HDE008FB      | 10     | RV5MJKUBR-S1  | 19     | RV6MJKUTP-B24 | 19         | SSFPP-P01M0-1 | 21         |
| HDE010FB      | 10     | RV5MJKUEW-B24 | 14, 19 | RV6MJKUTP-S1  | 19         | SSFPP-P01M0-2 | 21         |
| HDE010MB      | 10     | RV5MJKUEW-S1  | 19     | RV6MJKUTR-B24 | 19         | SSFPP-P02M0-1 | 21         |
| HDE015FB      | 10     | RV5MJKUGN-B24 | 19     | RV6MJKUTR-S1  | 19         | SSFPP-P03M0-1 | 21         |
| HDE015MB      | 10     | RV5MJKUGN-S1  | 19     | RV6MJKUTY-B24 | 19         | SSFPP-P03M0-2 | 21         |
| HDE020MB      | 10     | RV5MJKUGY-B24 | 19     | RV6MJKUTY-S1  | 19         | SSFPP-P05M0-1 | 21         |
| HDE025FB      | 10     | RV5MJKUGY-S1  | 19     | RV6MJKUYL-B24 | 19         | SSFPP-P05M0-2 | 21         |
| HDE035FB      | 10     | RV5MJKUIV-B24 | 19     | RV6MJKUYL-S1  | 19         | SSFPP-P07M0-1 | 21         |
| HDE050FB      | 10     | RV5MJKUIV-S1  | 19     | RVAFPSME-B24  | 19         | VGA003FB      | 11         |
| HDM001MB      | 10     | RV5MJKUOR-B24 | 19     | RVAFPSME-S1   | 19         | VGA006FB      | 11         |
| HDM002MB      | 10     | RV5MJKUOR-S1  | 19     | RVAFPUK-B24   | 19         | VGA010FB      | 11         |
| HDM003MB      | 10     | RV5MJKUPR-B24 | 14, 19 | RVAFPUK-S1    | 19         | VGA012FB      | 11         |
| LDT596-250    | 5, 7   | RV5MJKUPR-S1  | 19     | RVAMJKSME-B24 | 14, 16, 19 | VGA015FB      | 11         |
| LDT-MINI      | 5, 6   | RV5MJKURD-B24 | 19     | RVAMJKSME-S1  | 19         | VGA020FB      | 11         |
| PDU-2297      | 27     | RV5MJKURD-S1  | 19     | RVAMJKUAL-B24 | 19         | VGA025FB      | 11         |
| PDU-2332      | 27     | RV5MJKUTB-B24 | 19     | RVAMJKUAL-S1  | 19         | VGA035FB      | 11         |
| PDU-2643      | 27     | RV5MJKUTB-S1  | 19     | RVAMJKUBK-B24 | 16, 19     | VGA040FB      | 11         |
| PDU-2660      | 27     | RV5MJKUTG-B24 | 19     | RVAMJKUBK-S1  | 19         | VGA050FB      | 11         |
| PDU-2731      | 27     | RV5MJKUTG-S1  | 19     | RVAMJKUBL-B24 | 16, 19     | VGA075FB      | 11         |
| PDU-2774      | 27     | RV5MJKUTN-B24 | 19     | RVAMJKUBL-S1  | 19         | VGA100FB      | 11         |
| PDU-2868      | 27     | RV5MJKUTN-S1  | 19     | RVAMJKUBR-B24 | 19         | VT-200        | 7          |
| PDU-3044      | 27     | RV5MJKUTO-B24 | 19     | RVAMJKUBR-S1  | 19         | YM53479       | 7          |
| PDU-8420      | 27     | RV5MJKUTO-S1  | 19     | RVAMJKUEW-B24 | 16, 19     |               |            |
| PDU-8421      | 27     | RV5MJKUTP-B24 | 19     | RVAMJKUEW-S1  | 19         |               |            |
| PDU-8422      | 27     | RV5MJKUTP-S1  | 19     | RVAMJKUGN-B24 | 19         |               |            |
| PDU-8424      | 27     | RV5MJKUTR-B24 | 19     | RVAMJKUGN-S1  | 19         |               |            |
| PDU-8425      | 27     | RV5MJKUTR-S1  | 19     | RVAMJKUGY-B24 | 19         |               |            |
| PDU-8426      | 27     | RV5MJKUTY-B24 | 19     | RVAMJKUGY-S1  | 19         |               |            |
| PDU-8503      | 27     | RV5MJKUTY-S1  | 19     | RVAMJKUIV-B24 | 19         |               |            |
| PDU-10354     | 27     | RV5MJKUYL-B24 | 19     | RVAMJKUIV-S1  | 19         |               |            |
| PDU-11222     | 27     | RV5MJKUYL-S1  | 19     | RVAMJKUOR-B24 | 19         |               |            |
| PDU-11246     | 27     | RV6MJKSME-B24 | 15, 19 | RVAMJKUOR-S1  | 19         |               |            |
| PDU-11247     | 27     | RV6MJKSME-S1  | 19     | RVAMJKUPR-B24 | 16, 19     |               |            |
| PDU-11248     | 27     | RV6MJKUAL-B24 | 19     | RVAMJKUPR-S1  | 19         |               |            |
| PDU-11249     | 27     | RV6MJKUAL-S1  | 19     | RVAMJKURD-B24 | 19         |               |            |
| PRG11D0       | 7      | RV6MJKUBK-B24 | 15, 19 | RVAMJKURD-S1  | 19         |               |            |
| PRG11D1       | 7      | RV6MJKUBK-S1  | 19     | RVAMJKUTB-B24 | 19         |               |            |
| QSSFP-P00M5-1 | 21     | RV6MJKUBL-B24 | 15, 19 | RVAMJKUTB-S1  | 19         |               |            |
| QSSFP-P01M0-1 | 21     | RV6MJKUBL-S1  | 19     | RVAMJKUTG-B24 | 19         |               |            |
| QSSFP-P01M0-2 | 21     | RV6MJKUBR-B24 | 19     | RVAMJKUTG-S1  | 19         |               |            |
| QSSFP-P02M0-1 | 21     | RV6MJKUBR-S1  | 19     | RVAMJKUTN-B24 | 19         |               |            |
| QSSFP-P03M0-1 | 21     | RV6MJKUEW-B24 | 15, 19 | RVAMJKUTN-S1  | 19         |               |            |
| QSSFP-P03M0-2 | 21     | RV6MJKUEW-S1  | 19     | RVAMJKUTO-B24 | 19         |               |            |
| QSSFP-P05M0-1 | 21     | RV6MJKUGN-B24 | 19     | RVAMJKUTO-S1  | 19         |               |            |
| QSSFP-P05M0-2 | 21     | RV6MJKUGN-S1  | 19     | RVAMJKUTP-B24 | 19         |               |            |
| QSSFP-P00M5-1 | 21     | RV6MJKUGY-B24 | 19     | RVAMJKUTP-S1  | 19         |               |            |
| QSSFP-P01M0-1 | 21     | RV6MJKUGY-S1  | 19     | RVAMJKUTR-B24 | 19         |               |            |
| QSSFP-P01M0-2 | 21     | RV6MJKUIV-B24 | 19     | RVAMJKUTR-S1  | 19         |               |            |
| QSSFP-P02M0-1 | 21     | RV6MJKUIV-S1  | 19     | RVAMJKUTY-B24 | 19         |               |            |
| QSSFP-P03M0-1 | 21     | RV6MJKUOR-B24 | 19     | RVAMJKUTY-S1  | 19         |               |            |
| QSSFP-P03M0-2 | 21     | RV6MJKUOR-S1  | 19     | RVAMJKUYL-B24 | 19         |               |            |
| QSSFP-P05M0-1 | 21     | RV6MJKUPR-B24 | 15, 19 | RVAMJKUYL-S1  | 19         |               |            |
| QSSFP-P05M0-2 | 21     | RV6MJKUPR-S1  | 19     | RVUCOEW-B50   | 19         |               |            |
| R301602       | 7      | RV6MJKURD-B24 | 19     | RVUCTO1       | 19         |               |            |
| RV5MJKSME-B24 | 19     | RV6MJKURD-S1  | 19     | RVUDCXX-B24   | 19         |               |            |
| RV5MJKSME-S1  | 19     | RV6MJKUTB-B24 | 19     | RVUICXX-B24   | 19         |               |            |
| RV5MJKUAL-B24 | 19     | RV6MJKUTB-S1  | 19     | RVUTB01       | 19         |               |            |
| RV5MJKUAL-S1  | 19     | RV6MJKUTG-B24 | 19     | RVUTC01       | 19         |               |            |
| RV5MJKUBK-B24 | 14, 19 | RV6MJKUTG-S1  | 19     | RVUTT01       | 19         |               |            |

## GLOBAL LOCATIONS

For more information, please visit us at:  
[www.beldensolutions.com](http://www.beldensolutions.com)



**Be certain  
you stay  
in touch.**

### EUROPE/MIDDLE EAST/AFRICA

#### Germany

Phone: +49-7127-14-0  
[venlo.salesinfo@belden.com](mailto:venlo.salesinfo@belden.com)

#### France

Phone: +33-472-109-990  
[lyon.salesinfo@belden.com](mailto:lyon.salesinfo@belden.com)

#### Italy

Phone: +39-039-5965-250  
[info.milano@belden.com](mailto:info.milano@belden.com)

#### Russia

Phone: +7-495-787-06-55  
[info@belden.ru](mailto:info@belden.ru)

#### Spain

Phone: +34-91-746-17-30  
[madrid.salesinfo@belden.com](mailto:madrid.salesinfo@belden.com)

#### Sweden

Phone: +46-40-699-88-60  
[venlo.salesinfo@belden.com](mailto:venlo.salesinfo@belden.com)

#### The Netherlands

Phone: +31-773-878-555  
[venlo.salesinfo@belden.com](mailto:venlo.salesinfo@belden.com)

#### United Arab Emirates

Phone: +971-4-391-0490  
[dubai.salesinfo@belden.com](mailto:dubai.salesinfo@belden.com)

#### United Kingdom

Phone: +44 161-49837-49  
[manchester.salesinfo@belden.com](mailto:manchester.salesinfo@belden.com)

### AMERICAS

#### USA

Phone: +1-800-BELDEN1  
(1-800-235-3361)

### ASIA/PACIFIC

#### Singapore

Phone: +65-6879-9800  
[singapore.sales@belden.com](mailto:singapore.sales@belden.com)

#### China

Phone: +86-21-5445-2388  
[China.Marketing@belden.com](mailto:China.Marketing@belden.com)

Belden, Belden Sending All The Right Signals, GarrettCom, Hirschmann, Lumberg Automation, Tofino Security, Tripwire and the Belden logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Belden and other parties may also have trademark rights in other terms used herein.