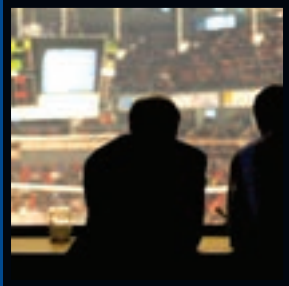


Broadcast and Professional AV Solutions



**Broadcast and Audio Video
Products and Systems**

Be certain.

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Audio Solutions


Microphone Cable

| | Description | Belden Part Number |
|---|---|--------------------|
| | | Non Plenum |
|  | 26 AWG, Star Quad | 1172A |
| | 24 AWG, Star Quad | 1192A |
| | 24 AWG, 1 Pair, Braid Shield, Analog/Digital, CMR Rated | 1800F |
| | 20 AWG, 2 Conductor, Rugged All-Rubber Construction | 8412 |
| | 20 AWG, 2 Conductor, High Strength Construction | 1776 |
| | | |

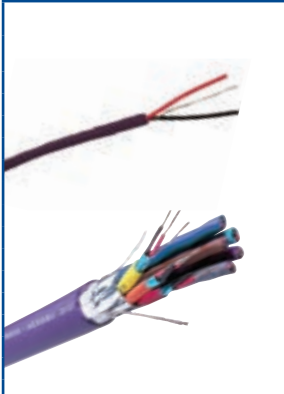
Digital Microphone Cable

| | Description | Belden Part Number |
|---|---|--------------------|
| | | Non Plenum |
|  | 26 AWG, 1 Pair, Braid Shield | 2221 |
| | 24 AWG, 1 Pair, Braid Shield, Analog/Digital, CMR Rated | 1800F |

Analog Multi-Pair Snake Cable


| | Description | Belden Part Number | | | |
|--|---|--------------------|--------|--------------------|--------------|
| | | Non Plenum | Plenum | Banana Peel Plenum | Waterblocked |
|  | 24 AWG, 4 Pair, Individually Shielded/Jacketed, Flexible | 1510C | — | — | — |
| | 24 AWG, 6 Pair, Individually Shielded/Jacketed, Flexible | 1511C | — | — | — |
| | 24 AWG, 8 Pair, Individually Shielded/Jacketed, Flexible | 1512C | — | — | — |
| | 24 AWG, 12 Pair, Individually Shielded/Jacketed, Flexible | 1513C | — | — | — |
| | 24 AWG, 16 Pair, Individually Shielded/Jacketed, Flexible | 1514C | — | — | — |
| | 22 AWG, 2 Pair, Bonded Foil, Siamese Construction | 9451D | 9451DP | — | — |
| | 22 AWG, 2 Pair, Individually Shielded/Jacketed, Install | 1814R | — | — | 1814WB |
| | 22 AWG, 4 Pair, Individually Shielded/Jacketed, Install | 1815R | 1815P | 9451PS4 | 1815WB |
| | 22 AWG, 6 Pair, Individually Shielded/Jacketed, Install | 1816R | 1816P | 9451PS6 | 1816WB |
| | 22 AWG, 8 Pair, Individually Shielded/Jacketed, Install | 1817R | 1817P | — | 1817WB |
| | 22 AWG, 12 Pair, Individually Shielded/Jacketed, Install | 1818R | 1818P | — | 1818WB |
| | 22 AWG, 16 Pair, Individually Shielded/Jacketed, Install | 1819R | — | — | — |
| | 22 AWG, 20 Pair, Individually Shielded/Jacketed, Install | 1820R | — | — | — |
| | 22 AWG, 24 Pair, Individually Shielded/Jacketed, Install | 1821R | — | — | — |
| | 22 AWG, 26 Pair, Individually Shielded/Jacketed, Install | 1822R | — | — | — |
| | 22 AWG, 32 Pair, Individually Shielded/Jacketed, Install | 1823R | — | — | — |
| | 22 AWG, 2 Pair, Individually Shielded | — | 6541PA | — | — |
| | 22 AWG, 3 Pair, Individually Shielded | — | 6542PA | — | — |
| | 22 AWG, 4 Pair, Individually Shielded | — | 6543PA | — | — |
| | 22 AWG, 6 Pair, Individually Shielded | — | 6545PA | — | — |
| | 22 AWG, 8 Pair, Individually Shielded | — | 6546PA | — | — |
| | 22 AWG, 12 Pair, Individually Shielded | — | 6548PA | — | — |
| | 22 AWG, 16 Pair, Individually Shielded | — | 6549PA | — | — |

Digital Multi-Pair Snake Cable


| | Description | Belden Part Number | |
|---|--|--------------------|----------------------------|
| | | Non Plenum | Plenum |
|  | 24 AWG, 1 Pair, Foil Shield | 1800B | 1801B |
| | 24 AWG, 2 Pair, Foil Shield, Siamese Construction | 1802B | 1801BD |
| | 26 AWG, 4 Pair, Individually Shielded/Jacketed Pairs | 7890A | SPECIAL - Call for Details |
| | 26 AWG, 8 Pair, Individually Shielded/Jacketed Pairs | 7880A | — |
| | 26 AWG, 12 Pair, Individually Shielded/Jacketed Pairs | 7892A | — |
| | 26 AWG, 16 Pair, Individually Shielded/Jacketed Pairs | 7893A | — |
| | 24 AWG, 2 Pair, Individually Shielded/Jacketed Pairs | 1802F | — |
| | 24 AWG, 4 Pair, Individually Shielded/Jacketed Pairs | 1803F | — |
| | 24 AWG, 4 Pair, Individually Shielded/Jacketed, Banana Peel Construction | — | 1801BS4 |
| | 24 AWG, 6 pair, Individually Shielded/Jacketed, Banana Peel Construction | — | 1801BS6 |
| | 24 AWG, 8 Pair, Individually Shielded/Overall Shield | 1805F | — |
| | 24 AWG, 12 Pair, Individually Shielded/Overall Shield | 1806F | — |
| | 24 AWG, 16 Pair, Individually Shielded/Overall Shield | 1850F | — |
| | 24 AWG, 24 Pair, Individually Shielded/Overall Shield | 1852F | — |
| | 24 AWG, 32 Pair, Individually Shielded/Overall Shield | 1854F | — |

Audio Solutions (continued)


Other Digital Audio Products

| | Description | Belden Part Number |
|--|---|---|
| | | Non Plenum |
|  | AES/EBU Digital Audio, 1 Pair, Category 5E, Patch | 1353A |
| | CatSnake, 4 Pair, Category 5E, Heavy Duty | 1304A |
| | CatSnake, 16 Pair, Category 5e, Individually and Overall Jacketed | 1304A4 |
| | CatSnake, 4 Pair, Category 5E, Heavy Duty, Flexible, Upjacketed | 1305A |
| | Digital Audio Coax | See Video Distribution Solutions on page 5. |


Line Level Cable

| | Description | Belden Part Number | | |
|--|---|--------------------|--------|--------------|
| | | Non Plenum | Plenum | Waterblocked |
|  | 22 AWG, 1 Pair | 8451 | — | — |
| | 22 AWG, 1 Pair, Bonded Foil | 9451 | 9451P | 9451WB |
| | 22 AWG, 2 Pair, Bonded Foil, Siamese Construction | 9451D | 9451DP | — |
| | 22 AWG, 2 Pair, Individually Shielded | 8723 | 82723 | — |


Intercom/Paging/Public Address Cable

| | Description | Belden Part Number | | | | |
|---|--|--------------------|--------|---------------|--------|--------------|
| | | Bare Copper | | Tinned Copper | | |
| | | Non Plenum | Plenum | Non Plenum | Plenum | Waterblocked |
|  | 22 AWG, 1 Pair, Shielded | 5500FE | 6500FE | 5500FH | 6500FH | 5500F1 |
| | 22 AWG, 1 Pair, Shielded, Foil Bonded to Jacket for Easy Stripping | — | — | — | 6500PE | — |
| | 20 AWG, 1 Pair, Shielded | 5400FE | 6400FE | 5400FH | 6400FH | — |
| | 18 AWG, 1 Pair, Shielded | 5300FE | 6300FE | 5300FH | 6300FH | 5300F1 |
| | 16 AWG, 1 Pair, Shielded | 5200FE | 6200FE | 5200FH | 6200FH | 5200F1 |
| | 14 AWG, 1 Pair, Shielded | 5100FE | 6100FE | 5100FH | 6100FH | 5140F1 |
| | 12 AWG, 1 Pair, Shielded | 5000FE | 6000FE | 5000FH | 6000FH | — |
| | 22 AWG, 1 Pair, Shielded + 22 AWG, 2 Conductor | 5502GE | 6502GE | — | — | — |
| | 18 AWG, 1 Pair, Shielded + 18 AWG, 2 Conductor | 5302GE | — | — | — | — |
| | 22 AWG, 4 Conductor, Shielded | 5502FE | 6502FE | — | — | — |
| | 18 AWG, 4 Conductor, Shielded | 5302FE | 6302FE | — | — | — |
| | 22 AWG, 2 Pair, Individually Shielded | — | — | 1325R | 1325A | — |
| | 22 AWG, 3 Pair, Individually Shielded | — | — | 1326R | 1326A | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |

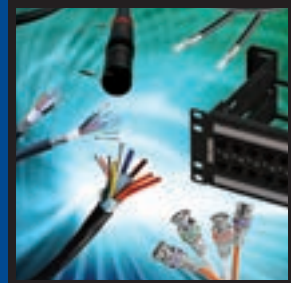
Speaker Cable

| | Description | Belden Part Number | | | | |
|--|--|--------------------|--------|---------------|--------|--------------|
| | | Bare Copper | | Tinned Copper | | |
| | | Non Plenum | Plenum | Non Plenum | Plenum | Waterblocked |
|  | 18 AWG, 2 Conductor, 7 strand | 5300UE | 6300UE | 5300UH | 6300UH | 5300U1 |
| | 18 AWG, 4 Conductor, 7 strand | 5302UE | 6302UE | 5302UH | 6302UH | 5302U1 |
| | 16 AWG, 2 Conductor, 19 strand | 5200UE | 6200UE | — | — | 5240U1 |
| | 16 AWG, 4 Conductor, 19 strand | 5202UE | 6202UE | 5202UH | 6202UH | 5202U1 |
| | 14 AWG, 2 Conductor, 19 strand | 5100UE | 6100UE | — | — | 5140U1 |
| | 14 AWG, 4 Conductor, 19 strand | 5102UE | 6102UE | 5102UH | 6102UH | 5102U1 |
| | 12 AWG, 2 Conductor, 19 strand | 5000UE | 6000UE | 5000UH | 6000UH | — |
| | 10 AWG, 2 Conductor, 65 strand | 5T00UP | 6T00UP | — | — | — |
| | 16 AWG, 2 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1307A | — | — | — | — |
| | 16 AWG, 4 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1308A | — | — | — | — |
| | 14 AWG, 2 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1309A | — | — | — | — |
| | 14 AWG, 4 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1310A | — | — | — | — |
| | 12 AWG, 2 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1311A | — | — | — | — |
| | 12 AWG, 4 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1312A | — | — | — | — |
| | 10 AWG, 2 Conductor, Oxygen-free High Conductivity, Indoor/Outdoor | 1313A | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |
| | | — | — | — | — | — |

Class 1 Speaker Cable



| | Description | Belden Part Number | | |
|--|------------------------------|--------------------|--------------|-------------|
| | | Non Plenum | Waterblocked | High Strand |
|  | 8 AWG Class 1 Speaker Cable | 8808 | 8808WB | 8808H |
| | 10 AWG Class 1 Speaker Cable | 8810 | 8810WB | 8810H |
| | 12 AWG Class 1 Speaker Cable | 8812 | — | — |
| | 14 AWG Class 1 Speaker Cable | 8814 | — | — |

Be certain.




Video Distribution Solutions (HD-SDI)

Miniature Coax Cable


|  | Description | Belden Part Number | | | | | | | | |
|---|--|--------------------|---------------------|-------------|------------------|------------|---------------|------------|-------------|-----------|
| | | Cable | 4.5 GHz Compression | | | | 4.5 GHz Crimp | | | |
| | | | BNC Connectors | BNC Locking | Compression Tool | Strip Tool | BNC 3 Piece | Crimp Tool | Strip Tools | Boots |
| | SubMiniature, 28.5 AWG, Precision Video, Non Plenum | 179DT | 179DTBHD1 | 179DTBHD1 | CPLCRBC-BR | PS59/6/RGB | 179DTBHD3 | BB3PHCT | BB3PST | SLS-RGB-* |
| | Miniature 23 AWG Precision Video, Non Plenum and Plenum | 1855A | 1855ABHD1 | 1855ABHD1 | CPLCRBC-BR | PS59/6/RGB | 1855ABHD3 | BB3PHCT | BB3PST | SLS-RGB-* |
|  | Miniature RG59 Precision Video, Non Plenum and Plenum | 1855P | 1855ABHD1 | 1855ABHD1 | CPLCRBC-BR | PS59/6/RGB | 1855ABHD3 | BB3PHCT | BB3PST | SLS-RGB-* |
| | 5 Cond Miniature 23 AWG Precision Video, Non Plenum, Banana Peel | 1855S5 | 1855ABHD1 | 1855ABHD1 | CPLCRBC-BR | PS59/6/RGB | 1855ABHD3 | BB3PHCT | BB3PST | SLS-RGB-* |
| | VideoFlex 5 Pack Snake, Non Plenum (1855A) | 7789A | 1855ABHD1 | 1855ABHD1 | CPLCRBC-BR | PS59/6/RGB | 1855ABHD3 | BB3PHCT | BB3PST | SLS-RGB-* |

* indicate color when ordering, Yellow, Red, White or Black

RG-59 Coax Cable


|  | Description | Belden Part Number | | | | | | | | |
|--|--|--------------------|---------------------|-------------|------------------|------------|---------------|------------|-------------|----------|
| | | Cable | 4.5 GHz Compression | | | | 4.5 GHz Crimp | | | |
| | | | BNC Connectors | BNC Locking | Compression Tool | Strip Tool | BNC 3 Piece | Crimp Tool | Strip Tools | Boots |
| | RG59 Precision Video, Non Plenum | 1505A | 1505ABHD1 | 1505ABHDL | CPLCRBC-BR | PSA59/6 | 1505ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG59 Precision Video, Plenum | 1506A | 1506ABHD1 | 1506ABHDL | CPLCRBC-BR | PSA59/6 | 1506ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG59 Precision Video, Flexible | 1505F | 1505ABHD1 | 1505ABHDL | CPLCRBC-BR | PSA59/6 | 1505ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | 5 Cond RG59 Precision Video, Non Plenum, Banana Peel | 1505S5 | 1505ABHD1 | 1505ABHDL | CPLCRBC-BR | PSA59/6 | 1505ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | VideoFlex 5 Pack Snake, Non Plenum (1505A) | 7796A | 1505ABHD1 | 1505ABHDL | CPLCRBC-BR | PSA59/6 | 1505ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |

RG-6 Coax Cable


|  | Description | Belden Part Number | | | | | | | | |
|---|--|--------------------|---------------------|-------------|------------------|------------|---------------|------------|-------------|----------|
| | | Cable | 4.5 GHz Compression | | | | 4.5 GHz Crimp | | | |
| | | | BNC Connectors | BNC Locking | Compression Tool | Strip Tool | BNC 3 Piece | Crimp Tool | Strip Tools | Boots |
| | RG6 Precision Video, Non Plenum | 1694A | 1694ABHD1 | 1694ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG6 Precision Video, Plenum | 1695A | 1695ABHD1 | 1695ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG6 Precision Video, Flexible | 1694F | 1694ABHD1 | 1694ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG6 Precision Video, Dual Link | 1694D | 1694ABHD1 | 1694ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | RG6 Precision Video, Indoor/Outdoor Waterblocked | 1694WB | 1694ABHD1 | 1694ABHDLW* | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | 5 Pack Snake, Non Plenum (1694A), Banana Peel | 1694S5 | 1694ABHD1 | 1694ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | 5 Pack Snake, Plenum (1695A), Banana Peel | 1695S5 | 1695ABHD1 | 1695ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |
| | VideoFlex 5 Pack Snake, Non Plenum (1694A) | 7712A | 1694ABHD1 | 1694ABHDL | CPLCRBC-BR | PSA59/6 | 1694ABHD3 | BB3PHCT | BB3PST | SLS-59/6 |

*Connector is also watertight.

RG-7 Coax Cable


| | Description | Belden Part Number | | | |
|---|---------------------------------|--------------------|------------------------------------|------------------|------------|
| | | Cable | Connectors 4.5 Gig BNC Compression | Compression Tool | Strip Tool |
| | | | | | |
|  | RG7 Precision Video, Non Plenum | 1794A | 1794ABHD1 | CPLCRBC1794 | PS-11 |

RG-11 Coax Cable

| | Description | Belden Part Number | | | | | |
|---|-------------------------------------|--------------------|------------------------------------|----------------------|----------------------------------|--------------------------------|------------|
| | | Cable | Connectors 3.0 Gig BNC Compression | BNC Compression Tool | Connectors 3.0 Gig F Compression | F Compression Tools | Strip Tool |
| | | | | | | | |
|  | RG11 Precision Video, Non Plenum | 7731A | FSNS11QHBNC | SNSUNI, CPLCCT-11BNC | 716SNS1P11HQ | SNSUNI, L3011B, CPLCCT-SS59/11 | PS-11 |
| | RG11 Precision Video, Plenum | 7732A | FSNS11HBNCPLA | SNSUNI, CPLCCT-11BNC | 716SNS1P11HPLA | SNSUNI, L3011B, CPLCCT-SS59/11 | PS-11 |
| | RG 11 Precision Video, Waterblocked | 7731WB | FSNS11QHBNC | SNSUNI, CPLCCT-11BNC | 716SNS1P11HQ | SNSUNI, L3011B, CPLCCT-SS59/11 | PS-11 |


Video Camera Solutions

Triax Cable


| | Description | Belden Part Number | | |
|--|----------------------|----------------------|--------|--------------|
| | | Non Plenum | Plenum | Waterblocked |
|  | RG59 Triax | 8232, 8232A or 1856A | 88232 | — |
| | RG59 High Flex Triax | 1857A | — | — |
| | RG11 Triax | 8233A | 8233P | 8233WB |
| | RG11 High Flex Triax | 1858A | 1859A | — |

For information about Triax Cable Assemblies, please see page 17.

Electronic News Gathering (ENG) Cable

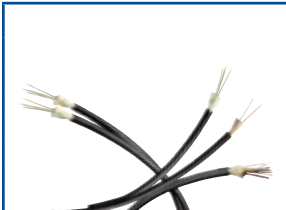
| | Description | Belden Part Number |
|--|--|--|
|  | 2 RG59 20 AWG digital coax (150A) + 4 Pair 22 AWG, Shielded, for analog audio (9451) | 1347A |
| | RG59 ENG EFP Applications (Connectors and Tools) | 1505ABHD1, CPLCRBC-BR, PSA59/6, SLS-59/6 |

SMPTE 311M Cable

| | Description | Belden Part Number | | |
|---|---|--------------------|--------|--------------|
| | | Non Plenum | Plenum | Waterblocked |
|  | Light Duty | 7804LW | — | — |
| | 12 mm Double Jacket Studio | 7817A | — | — |
| | Outdoor Harsh Environment | 7818A | — | — |
| | Industry Standard SMPTE 311M HDTV - (2) fiber, (2) 24 AWG, (4) 20 AWG | 7804R | 7804P | 7804WB |
| | Heavy Gauge SMPTE 311M HDTV - (2) fiber, (2) 24 AWG, (2) 16 AWG | 7804C | — | — |
| | 3 Channel SMPTE Stadium Cable | 7824R | 7824P | 7824WB |
| | Electrical Camera Cable | 7825R | 7825P | — |

For information about SMPTE 311M Cable Assemblies, please see page 17.


Tactical Fiber Cable

| | Description | Belden Part Number | |
|--|---|--------------------|-------------|
| | | Singlemode | 62.5/125 µm |
|  | 2 Channel *Neutrik Certified for use with OpticalCON Connectors | B96566 | B96571 |
| | 4 Channel *Neutrik Certified for use with OpticalCON Connectors | B96639 | B96551 |
| | 6 Channel | B96567 | B96572 |
| | 8 Channel | B96568 | B96573 |
| | 10 Channel | B96569 | B96574 |
| | 12 Channel | B96570 | B96575 |


For information about Tactical Fiber Cable Assemblies, please see page 17.

Video Display Solutions

RGB Cable

| | Description | Belden Part Number | | | |
|--|---|--------------------|-------------------------|------------------|------------|
| | | Cable | 3.0 Gig BNC Compression | Compression Tool | Strip Tool |
|  | 5 Conductor Mini Hi-Res RGB, Non Plenum | 1279R | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | 5 Conductor Mini Hi-Res RGB, Plenum | 1279P | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | Banana Peel 5 Conductor Mini Hi-Res RGB, Non Plenum | 1281S5 | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | Banana Peel 5 Conductor Mini Hi-Res RGB, Plenum | 1282S5 | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | 3 Conductor Mini Hi-Res RGB, Non Plenum | 1277R | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | 3 Conductor Mini Hi-Res RGB, Plenum | 1277P | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | 1 Conductor, 75 Ohm Miniature Coax, Non Plenum | 1281R | FS1BNC | CPLCCT-SLM | PS59/6/RGB |
| | 1 Conductor, 75 Ohm Miniature Coax, Plenum | 1281P | FS1BNC | CPLCCT-SLM | PS59/6/RGB |

S-Video Cable

| | Description | Belden Part Number |
|--|---|--------------------|
|  | S-Video Dual 30 AWG Coax Twin Parallel Flat, Non Plenum | 1807A |
| | S-Video Dual 30 AWG Coax Twin Parallel Flat, Plenum | 7700A |
| | S-Video Dual 30 AWG Coax Round, Non Plenum | 1808A |

Be certain.



Video Display Solutions (continued)


Low Skew Cable

| | Description | Belden Part Number | |
|---|-----------------------------|--------------------|------------------|
| | | Cable | RJ-45 Plugs |
|  | Nano Skew, Non Plenum | 7987R | R301602, R301601 |
| | Nano Skew, Plenum | 7987P | R301602, R301601 |
| | Low Skew Cat 5E, Non Plenum | 7988R | R301602, R301601 |
| | Low Skew Cat 5E, Plenum | 7988P | R301602, R301601 |


Nano Skew Patch Cords

| Description | Ft | M | Belden Part Number | |
|-------------------|-----|------|--------------------|------------|
| | | | Non Plenum CMR | Plenum CMP |
| Nano Skew UTP/3 | 3 | 0.9 | AC303569 | AC303579 |
| Nano Skew UTP/6 | 6 | 1.8 | AC303570 | AC303580 |
| Nano Skew UTP/12 | 12 | 3.7 | AC303571 | AC303581 |
| Nano Skew UTP/25 | 25 | 7.6 | AC303572 | AC303582 |
| Nano Skew UTP/35 | 35 | 10.7 | AC303573 | AC303583 |
| Nano Skew UTP/50 | 50 | 15.2 | AC303574 | AC303584 |
| Nano Skew UTP/75 | 75 | 22.8 | AC303575 | AC303585 |
| Nano Skew UTP/100 | 100 | 30.5 | AC303576 | AC303586 |

HDMI Cable


| | Description | Belden Part Number |
|--|--------------------------------|--------------------|
|  | HDMI Cable Assemblies, 1 Meter | HD2001 |
| | HDMI Cable Assemblies, 2 Meter | HD2002 |
| | HDMI Cable Assemblies, 3 Meter | HD2003 |
| | HDMI Cable Assemblies, 4 Meter | HD2004 |
| | HDMI Cable Assemblies, 7 Meter | HD2007 |

Perfect Path™ Locking HDMI - 700 Series

| | Description | Belden Part Number |
|---|---|--------------------|
|  | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 2 feet | HD-700-2 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 4 feet | HD-700-4 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 8 feet | HD-700-8 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 16 feet | HD-700-16 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 25 feet | HD-700-25 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 35 feet | HD-700-35 |
| | High Speed Cable w/ Ethernet Channel and PerfectLock™ Connectors, 50 feet | HD-700-50 |


Features Perfect Lock™ locking connectors with 25lbs retention.

10GX Horizontal Cable

| | Description | Belden Part Number | | | | |
|---|---------------------|--------------------|----------------|----------------|----------------|----------------|
| | | Bonded | | Non-Bonded | | |
| | | Blue | White | Blue | White | Purple |
|  | 10GX Solution - CMR | 10GX32 0061000 | 10GX32 0091000 | 10GX12 0061000 | 10GX12 0091000 | 10GX12 0071000 |
| | 10GX Solution - CMP | 10GX33 D151000 | 10GX33 0091000 | 10GX13 D151000 | 10GX13 0091000 | 10GX13 0071000 |


Other colors available

CAT6+ Horizontal Cable

| | Description | Bonded | | | Non-Bonded | | | |
|---|---------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| | | Blue | White | Black | Blue | White | Purple | Black |
|  | 3600 Solution - CMR | 3632 006A1000 | 3632 009A1000 | 3632 010A1000 | 3612 006A1000 | 3612 009A1000 | 3612 007A1000 | 3612 010A1000 |
| | 3600 Solution - CMP | 3633 D15A1000 | 3633 009A1000 | 3633 010A1000 | 3613 D15A1000 | 3613 009A1000 | 3613 007A1000 | 3613 010A1000 |
| | 2400 Solution - CMR | 1872A 006A1000 | 1872A 009A1000 | 1872A 010A1000 | 2412 006A1000 | 2412 009A1000 | 2412 007A1000 | 2412 010A1000 |
| | 2400 Solution - CMP | 1874A D15A1000 | 1874A 009A1000 | 1874A 010A1000 | 2413 D15A1000 | 2413 009A1000 | 2413 007A1000 | 2413 010A1000 |

Other colors available


CAT5E Horizontal Cable

| | Description | Bonded | | | Non-Bonded | | | |
|---|---------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| | | Blue | White | Black | Blue | White | Purple | Black |
|  | 1200 Solution - CMR | 1700A 006U1000 | 1700A 009U1000 | 1700A 010U1000 | 1212 006U1000 | 1212 009U1000 | 1212 007U1000 | 1212 010U1000 |
| | 1200 Solution - CMP | 1701A D15U1000 | 1701A 009U1000 | 1701A 010U1000 | 1213 D15U1000 | 1213 009U1000 | 1213 007U1000 | 1213 010U1000 |

Other colors available


Video Display Solutions (continued)

Satellite and CATV Cable

| | Description | Belden Part Number | | | | | |
|--|--|--------------------|----------------|-------------|-------------|-----------------------------------|------------|
| | | Cable | F | RCA | BNC | Connector Tool BNC Compression | Strip Tool |
|  | DBS/Satellite - RG-6 18 AWG Solid BC Dual Shield, Non Plenum | 1829AC | FSNS6U | FSNS6RCAU | FSNS6BNCU | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CATV - RG-6 18 AWG Solid CCS Dual Shield, Non Plenum | 9116 | FSNS6U | FSNS6RCAU | FSNS6BNCU | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CATV - RG-6 18 AWG Solid CCS Dual Shield, Plenum | 9116P | FSNS6PL | FSNS6RCAPL | FSNS6BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CATV - RG-6 18 AWG Solid CCS Quad Shield, Non Plenum | 1189A | FSNS6U | FSNS6RCAU | FSNS6BNCU | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CATV - RG-6 18 AWG Solid CCS Quad Shield, Plenum | 1189AP | FSNS6PLQ | FSNS6RCAPLQ | FSNS6BNCPLQ | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CATV - RG11 14 AWG Solid CCS Dual Shield, Non Plenum | 1523A | 716SNS1P11H | — | FSNS11HBNC | SNSUNI or CPLCCT-11BNC | PS-11 |
| | CATV - RG11 14 AWG Solid CCS Dual Shield, Plenum | 1523AP | 716SNS1P11HPLA | — | FSNSHBNCPLA | SNSUNI or CPLCCT-11BNC | PS-11 |
| | CATV - RG11 14 AWG Solid CCS Quad Shield, Non Plenum | 7999A | — | — | — | — | — |
| | CATV - RG11 14 AWG Solid CCS Quad Shield, Plenum | 7999AP | — | — | — | — | — |

* RG11 BNC Compression Connectors to 1.0 Gig

CCTV Cable

| | Description | Belden Part Number | | | | |
|--|--|--------------------|-----------------------------|--------------------|-----------------------------------|------------|
| | | Cable | Connectors F Compression | BNC Compression | Connector Tool BNC Compression | Strip Tool |
|  | CCTV - RG59 20 AWG Solid BC 95% Braid Shield Non Plenum | 543945 | FSNS59U | FSNS59BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG59 20 AWG Solid BC 95% Braid Shield Plenum | 643948 | FSNS59PL | FSNS59BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG59 20 AWG Solid BC 95% Braid Shield + 18/2 Non Plenum | 549945 | FSNS59U | FSNS59BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG59 20 AWG Solid BC 95% Braid Shield + 18/2 Plenum | 649948 | FSNS59PL | FSNS59BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG6 18 AWG Solid BC 95% Braid Shield Non Plenum | 533945 | FSNS6U | FSNS6BNCU | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG6 18 AWG Solid BC 95% Braid Shield Plenum | 633948 | FSNS6PL | FSNS6BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG6 18 AWG Solid BC 95% Braid Shield + 18/2 Non Plenum | 539945 | FSNS6U | FSNS6BNCU | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |
| | CCTV - RG6 18 AWG Solid BC 95% Braid Shield + 18/2 Plenum | 639948 | FSNS6PL | FSNS6BNCPL | CPSNSCT-596 or CPLCCT-SLM | PSA59/6 |

Distributed Antenna Systems (DAS) Cable

| | Description | Belden Part Number |
|--|-----------------|--------------------|
|  | Wireless - RG58 | 8240 |

Video Display Accessories

| | Description | Belden Part Number |
|--|---------------------------------------|--------------------|
|  | Strain Relief Boot for RGB/Mini Coax | SLS-RGB |
| | Strain Relief Boot for RG-59 and RG-6 | SLS-59/6 |

Commercial Automation and Control Solutions

Fiber Cabling and Connectors for Automation and Control

| Description | Belden Part Number |
|---|----------------------------|
| For use in AV control systems: 4 fiber OM4 50/125 Multi-mode breakout style cable Non plenum | B9E006 |
| For use in AV control systems: 4 fiber OM4 50/125 Multi-mode breakout style cable Plenum | B9E014 |
| Brilliance SC FiberExpress Connector for 900 Micron Fiber | AX105207-S1 / AX105207-B25 |
| Precision Installation Kit (Basic Kit, Fiber Preparation Tools, Precision Cleaver and Visual Fault Locator) | AX104271 |
| FX PATCH CORD, OM4, LC DUPLEX - LC DUPLEX, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, ERIKA VIOLET JACKET, 20 M | FP4LDLD020MR2XE |
| FX PATCH CORD, OM4, LC DUPLEX - LC DUPLEX, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, ERIKA VIOLET JACKET, 30 M | FP4LDLD030MR2XE |
| FX PATCH CORD, OM4, LC DUPLEX - LC DUPLEX, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, ERIKA VIOLET JACKET, 40 M | FP4LDLD040MR2XE |
| FX PATCH CORD, OM4, LC DUPLEX - LC DUPLEX, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, ERIKA VIOLET JACKET, 50 M | FP4LDLD050MR2XE |
| FX PATCH CORD, OM4, LC DUPLEX - LC DUPLEX, OFNR, DUPLEX ZIP 2.0 MM, A-TO-B, ERIKA VIOLET JACKET, 60 M | FP4LDLD060MR2XE |


Trademarks are the property of their respective owners.

Be certain.




Commercial Automation and Control Solutions (continued)

AMX™ and Crestron® Control System Cable

|  | Description | Belden Part Number | |
|---|---|--------------------|--------|
| | | Non Plenum | Plenum |
| | 22 AWG, 1 Shielded TC Pair (100Ω), + 18 AWG, 2 TC Conductor | 1502R | 1502P |
| | 22 AWG, 1 Shielded BC Pair (100Ω), + 18 AWG, 2 BC Conductor | 1392A | 1392P |

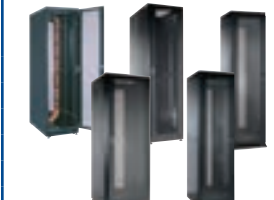
DMX® System Cable

|  | Description | Belden Part Number | |
|---|--------------------------|--------------------|--------|
| | | Non Plenum | Plenum |
| | 24 AWG, 1 Pair DMX Cable | 9841 | 82841 |
| | 22 AWG, 1 Pair DMX Cable | 3105A | — |
| | 24 AWG, 2 Pair DMX Cable | 9842 | 82842 |
| | 22 AWG, 2 Pair DMX Cable | 3107A | — |

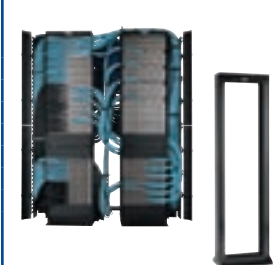
For DMX on Ethernet, see pages 10-13 for networking, or visit Belden.com to download a dedicated Lighting Cable catalog.

Cable Management Solutions

Free Standing Enclosures

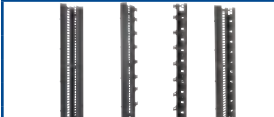
|  | Description (H x W x D) | Model | RU'S | Width (in) | Depth (in) | Belden Part Number |
|--|---|-------|----------------|------------|----------------|--------------------|
| | 84" x 29" x 30" Black, 19" MTG, Vented top, Perf front & rear w/sides | XST | 25, 39, 42, 45 | 29 | 30 | XST84-3-154420 |
| | 84" x 29" x 34" Black, 19" MTG, Vented top, Perf front & rear w/sides | XDP | 25, 39, 42, 45 | 29 | 34 | XDP84-3-154420 |
| | 47u" x 19.9" x 24" Black, 19" MTG, Frame Only | XSF | 10-48 | 19 | 36 | XSF47-24-100000 |
| | 45u" x 22" x 24" Black, 19" MTG, Vented top, Vented front and rear, flush mount sides | XMF | 11-57 | 22 | 24, 30, 36, 40 | XMF45241222200 |
| | 44u" x 22" x 26" Black, 19" MTG, Vented top, Solid rear, sides | XME | 24-44 | 22 | 20, 26.5 | XME442620210 |
| | 44u" x 22" x 36" Black, 19" MTG, Vented top, Perf front, perf rear, sides | XMER | 24-44 | 22 | 26.5, 31.5, 36 | XMER4436233200 |

2 and 4 Post Racks

|  | Description (H x W x D) | Model | RU | Width (in) | Depth (in) | Screw | Type | Belden Part Number |
|---|--|-------|----|------------|----------------|-------|-------|--------------------|
| | 84" x 19" x 3" Channel Knock down | BHRR | 45 | 19 | — | 12-24 | Alum | BHRR194 |
| | 84" x 19" x 6" Channel Knock down | BHRR | 45 | 19 | — | 12-24 | Alum | BHRR6194 |
| | 84" x 23" x 3" Channel Knock down | BHRR | 45 | 23 | — | 12-24 | Alum | BHRR234 |
| | 84" x 19" x 3" Channel Knock down | XDR | 44 | 19 | — | 12-24 | Steel | XDR8419-312 |
| | 84" x 19" x 3" Channel Knock down | XDR | 44 | 19 | — | 10-32 | Steel | XDR8419-310 |
| | 84" x 19" x 3" Channel Welded | XDR | 44 | 19 | — | 10/12 | Steel | XDR8419-310W |
| | 84" x 23" x 3" Channel Welded | XDR | 44 | 23 | — | 10/12 | Steel | XDR8423-31XW |
| | 84" x 19" x 6" Channel Seismic | XDR | 44 | 19 | — | 10-32 | Steel | XDRS8419-610 |
| | 84" x 19" x 3" Channel 4 Post Knock down | XDR | 44 | 19 | 24, 28, 32, 36 | 10/12 | Steel | XDR8419-3#XXX |
| | 84" x 23" x 3" Channel 4 Post Knock down | XDR | 44 | 23 | 24, 28, 32, 36 | 10/12 | Steel | XDR8423-31#XX |


= Screw Size Variable 0=10-32, 2=12-24 Screw, Depth 24, 28, 32, 36

Vertical Cable Managers

|  | Description | Model | Width (in) | Depth (in) | Belden Part Number |
|---|---|-------|----------------|------------|--------------------|
| | Single Sided Vertical organizer low density | BHVL | 3.6, 6, 10, 12 | 8.75 | BHVL0XX |
| | Single sided Vertical organizer high density | BHVH | 3.6, 6, 10, 12 | 8.75 | BHVH0XX |
| | Double sided Vertical organizer high/low density | BHVHL | 3.6, 6, 10, 12 | 17.37 | BHVHLXX |
| | Double sided Vertical organizer high/high density | BHVHH | 3.6, 6, 10, 12 | 17.37 | BHVHHXX |

X = Width Variable 03=3.6", 06=6", 10=10", 12=12"

Wall Mount Enclosures


|  | Description (H x W) | Model | RU | Width (in) | Depth (in) | Belden Part Number |
|---|---|-------|----|------------|------------|--------------------|
| | 24" x 19" Black Wall mount w/glass door | XWM | 12 | 19 | 20, 24 | XWM-24XX-GD-3 |
| | 24" x 19" Black Wall mount w/steel door | XWM | 12 | 19 | 20, 24 | XWM-24XX-SD-3 |
| | 36" x 19" Black Wall mount w/glass door | XWM | 18 | 19 | 20, 24 | XWM-36XX-GD-3 |
| | 36" x 19" Black Wall mount w/steel door | XWM | 18 | 19 | 20, 24 | XWM-36XX-SD-3 |
| | 48" x 19" Black Wall mount w/glass door | XWM | 25 | 19 | 20, 24 | XWM-48XX-GD-3 |
| | 48" x 19" Black Wall mount w/steel door | XWM | 25 | 19 | 20, 24 | XWM-48XX-SD-3 |

Depth Variable 20=20", 24=24"


Consult Belden Cable Management Catalog to access enclosure configuration matrix and accessories listing. NEMA compliant enclosures also available.

Networking Solutions

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 |

KeyConnect Faceplates

| | Description | Belden Part Number | | |
|--|--------------------------------|--------------------|------------------|-------------------|
| | | Elec. White* | Stainless Steel* | Stainless Steel** |
|  | 1-Port, Single Gang | AX102660 | — | AX102006 |
| | 2-Port, Single Gang | AX102655 | AX104231 | AX102007 |
| | 4-Port, Single Gang | AX102249 | AX104232 | AX102009 |
| | 6-Port, Single Gang | AX102251 | AX104233 | AX102010 |
| | 4-Port, Double Gang | — | AX104479 | AX102011 |
| | 6-Port, Double Gang | AX102671 | AX104480 | AX102012 |
| | Wall Mount Phone Plates | — | — | AX102005 |
| | Single-gang Back Box, 1.89 in. | AX102657 | — | — |
| | Double-gang Back Box, 1.89 in. | AX104131 | — | — |
| | | | | |

Other configurations (i.e. numbers of ports) available; * With ID window; ** Without ID window

Networking Solutions — 10GX (TIA/EIA Category 6A LAN)

10GX KeyConnect Modular Jacks

| Color | Belden Part Number |
|--------|--------------------|
| White | AX102282 |
| Black | AX102283 |
| Red | AX104153 |
| Blue | AX104156 |
| Purple | AX104157 |

A broad range of dark and pastel colors are also available

10GX KeyConnect Patch Panels

| Description | Belden Part Number |
|---------------------------|--------------------|
| KeyConnect, 24-Port, 1U* | AX103254 |
| KeyConnect, 48-Port, 2U* | AX103256 |
| AngleFlex, 24-Port, 1U** | AX103248 |
| AngleFlex, 48-Port, 2U** | AX103249 |
| KeyConnect, 24-Port, 1U** | AX103114 |
| KeyConnect, 48-Port, 1U** | AX103121 |
| KeyConnect, 48-Port, 2U** | AX103115 |

* Preloaded (Titanium); ** Modular patch panels

Category 6 Field-Installable Metal Body Ruggedized Plug

| Description | Belden Part Number |
|--|--------------------|
| DataTuff® Industrial Ethernet Ruggedized Modular Plug Kit UTP/STP, T568A | R301601 |
| DataTuff® Industrial Ethernet Ruggedized Modular Plug Kit UTP/STP, T568B | R301602 |

10GX KeyConnect Patch Panels (featuring designation strips)


| Description | Belden Part Number |
|--|--------------------|
| 10GX KeyConnect Patch Panel featuring designation strips, 24-port, 1U, Black | AX105152 |
| 10GX KeyConnect Patch Panel featuring designation strips, 48-port, 2U, Black | AX105153 |

Be certain.




Networking Solutions – 10GX (TIA/EIA Category 6A LAN) (continued)

10GX Modular Cords (Bonded-Pairs CMR)

| | Description | Belden Part Number | | | |
|---|----------------|--------------------|------------|------------|------------|
| | | Black | Blue | Purple | White |
|  | 2 ft. (0.6 m) | CA21100002 | CA21106002 | CA21107002 | CA21109002 |
| | 4 ft. (1.2 m) | CA21100004 | CA21106004 | CA21107004 | CA21109004 |
| | 7 ft. (2.1 m) | CA21100007 | CA21106007 | CA21107007 | CA21109007 |
| | 10 ft. (3.0 m) | CA21100010 | CA21106010 | CA21107010 | CA21109010 |
| | 15 ft. (4.6 m) | CA21100015 | CA21106015 | CA21107015 | CA21109015 |


Other lengths and colors available

10GX Category 6A Horizontal Cable

| | Description | Belden Part Number | | | | |
|---|---------------------|--------------------|----------------|----------------|----------------|----------------|
| | | Bonded | | Non-Bonded | | |
| | | Blue | White | Blue | White | Purple |
|  | 10GX Solution - CMR | 10GX32 0061000 | 10GX32 0091000 | 10GX12 0061000 | 10GX12 0091000 | 10GX12 0071000 |
| | 10GX Solution - CMP | 10GX33 D151000 | 10GX33 0091000 | 10GX13 D151000 | 10GX13 0091000 | 10GX13 0071000 |


Other Colors and Reel-in-Box Available

10GXS Small Diameter Category 6A Horizontal Cable

| | Description | Belden Part Number | | | | |
|--|---------------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| | | Bonded (Available June 2015) | | Non-Bonded | | |
| | | Blue | White | Blue | White | Purple |
|  | 10GX Solution - CMR | 10GXS32 0061000 | 10GXS32 0091000 | 10GXS12 0061000 | 10GXS12 0091000 | 10GXS12 0071000 |
| | 10GX Solution - CMP | 10GXS33 D151000 | 10GXS33 0091000 | 10GXS13 D151000 | 10GXS13 0091000 | 10GXS13 0071000 |

Other Colors and Reel-in-Box Available

10GX Pre-Terminated System

| | Cable Assembly* | | KeyConnect Coupler Patch Panel (Preloaded) | | Modular Coupler | |
|---|-----------------|---------------|--|----------|-----------------|----------|
| | | | | | | |
|  | CMR, Black | CA21100xxxA06 | 24-port, 1U, Titanium | AX104141 | Black | AX104024 |
| | CMP, Black | CA22100xxxA06 | 48-port, 2U, Titanium | AX104142 | | |

* Use xxx to specify length in feet—006-050 ft in increments of 1 ft—055-265 ft in increments of 5 ft


Networking Solutions – CAT6+ (TIA/EIA Category 6 LAN)

CAT6+ KeyConnect Modular Jacks

| | Color | Belden Part Number |
|---|--------|--------------------|
|  | White | AX101320 |
| | Black | AX101321 |
| | Red | AX104190 |
| | Blue | AX104193 |
| | Purple | AX104194 |

A broad range of dark and pastel colors are also available

CAT6+ KeyConnect Patch Panels


| | Description | Belden Part Number |
|--|---------------------------|--------------------|
|  | KeyConnect, 24-Port, 1U* | AX103253 |
| | KeyConnect, 48-Port, 2U* | AX103255 |
| | AngleFlex, 24-Port, 1U** | AX103248 |
| | AngleFlex, 48-Port, 2U** | AX103249 |
| | KeyConnect, 24-Port, 1U** | AX103114 |
| | KeyConnect, 48-Port, 1U** | AX103121 |
| | KeyConnect, 48-Port, 2U** | AX103115 |

* Preloaded; ** Modular patch panels

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 |


CAT6+ Modular Cords (Bonded-Pairs CMR)

| | Description | Belden Part Number | | | |
|---|----------------|--------------------|------------|------------|------------|
| | | Black | Blue | Purple | White |
|  | 2 ft. (0.6 m) | C601100002 | C601106002 | C601107002 | C601109002 |
| | 4 ft. (1.2 m) | C601100004 | C601106004 | C601107004 | C601109004 |
| | 7 ft. (2.1 m) | C601100007 | C601106007 | C601107007 | C601109007 |
| | 10 ft. (3.0 m) | C601100010 | C601106010 | C601107010 | C601109010 |
| | 15 ft. (4.6 m) | C601100015 | C601106015 | C601107015 | C601109015 |

Other lengths and colors available


Networking Solutions – CAT6+ (TIA/EIA Category 6 LAN) (continued)

CAT6+ Horizontal Cable

| | Description | Bonded | | | Non-Bonded | | | |
|--|--|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| | | Blue | White | Black | Blue | White | Purple | Black |
|  | 3600 Solution - CMR | 3632 006A1000 | 3632 009A1000 | 3632 010A1000 | 3612 006A1000 | 3612 009A1000 | 3612 007A1000 | 3612 010A1000 |
| | 3600 Solution - CMP | 3633 D15A1000 | 3633 009A1000 | 3633 010A1000 | 3613 D15A1000 | 3613 009A1000 | 3613 007A1000 | 3613 010A1000 |
| | 2400 Solution - CMR | 1872A 006A1000 | 1872A 009A1000 | 1872A 010A1000 | 2412 006A1000 | 2412 009A1000 | 2412 007A1000 | 2412 010A1000 |
| | 2400 Solution - CMP | 1874A D15A1000 | 1874A 009A1000 | 1874A 010A1000 | 2413 D15A1000 | 2413 009A1000 | 2413 007A1000 | 2413 010A1000 |
| | Indoor/Outdoor Category 6 (CMR/CMX) | — | — | 7940A | — | — | — | — |
| | Indoor/Outdoor Category 6 Shielded (CMR/CMX) | — | — | 7953A | — | — | — | — |

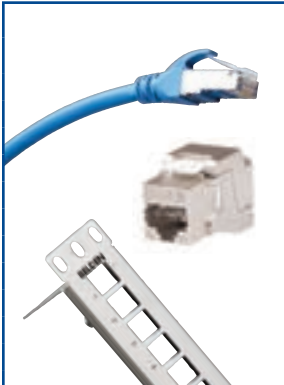
Other colors available

3600 Pre-Terminated System

|  | Cable Assembly* | | KeyConnect Coupler Patch Panel (Preloaded) | | Modular Coupler | |
|--|-----------------|---------------|--|----------|-----------------|----------|
| | CMR, Black | C601106xxxA06 | 24-port, 1U, Titanium | AX104227 | Black | AX104215 |
| | CMP, Black | C602106xxxA06 | 48-port, 2U, Titanium | AX104228 | | |

* Use xxx to specify length in feet—006-050 ft in increments of 1 ft—055-265 ft in increments of 5 ft

CAT6+ Shielded Cabling System

|  | Description | Belden Part Number | | | | |
|---|--|--------------------|---------------|---------------|------------|----------|
| | | Blue | Gray | White | Black | Metallic |
| | Belden DataTwist 2400, F/UTP, Non Plenum | 1351A 0061000 | 1351A 0081000 | 1351A 0091000 | — | — |
| | Belden DataTwist 2400, F/UTP, Plenum | 1352A 0061000 | 1352A 0081000 | 1352A 0091000 | — | — |
| | Shielded Modular Jack, Metallic | — | — | — | — | AX104596 |
| | Shielded Modular Patch Panel, 24-Port, 1U, Titanium (empty) | — | — | — | — | AX104563 |
| | Shielded Modular Patch Panel, 48-Port, 2U, Titanium (empty) | — | — | — | — | AX104564 |
| | 2 ft (6m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C6F1106002 | C6F1108002 | C6F1109002 | C6F1100002 | — |
| | 4 ft (1.2m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C6F1106004 | C6F1108004 | C6F1109004 | C6F1100004 | — |
| | 7 ft (2.1m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C6F1106007 | C6F1108007 | C6F1109007 | C6F1100007 | — |
| | 15 ft (4.6m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C6F1106015 | C6F1108015 | C6F1109015 | C6F1100015 | — |
| | 25 ft (7.6m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C6F1106025 | C6F1108025 | C6F1109025 | C6F1100025 | — |
| | 15 ft (4.6m), Shielded Pigtailed, 4-Pair, T568B-Open, Non Plenum | C6F1306015 | C6F1308015 | — | — | — |
| | 25 ft (7.6m), Shielded Pigtailed, 4-Pair, T568B-Open, Non Plenum | C6F1306025 | C6F1308025 | — | — | — |


CAT6+ Accessories

|  | Description | Belden Part Number |
|--|------------------------|--------------------|
| | Connecting Tool | AX100749 |
| | Termination Station | AX101852 |
| | Release Tool | AX101185 |
| | Cable Preparation Tool | 1797B |
| | Patch Cord Tool | AX102775 |

| Description | Belden Part Number |
|--|--------------------|
| Velcro Cable Ties, 25 Per Roll, Black, 8 in | AX100783 |
| Velcro Cable Ties, 25 Per Roll, Black, 12 in | AX100784 |
| Wrap-Around Labels, Gray, 48 Labels/Sheet (25 sheets per pack) | AX101555 |


Networking Solutions – CAT5E (TIA/EIA Category 5e LAN)

CAT5E KeyConnect Modular Jacks

|  | Color | Belden Part Number |
|--|--------|--------------------|
| | White | AX101309 |
| | Black | AX101310 |
| | Red | AX104183 |
| | Blue | AX104186 |
| | Purple | AX104187 |

A broad range of dark and pastel colors are also available

CAT5E KeyConnect Patch Panels

|  | Description | Belden Part Number |
|--|---------------------------|--------------------|
| | HD-110, 24-Port, 1U* | AX103258 |
| | HD-110, 48-Port, 2U* | AX103259 |
| | AngleFlex, 24-Port, 1U** | AX103248 |
| | AngleFlex, 48-Port, 2U** | AX103249 |
| | KeyConnect, 24-Port, 1U** | AX103114 |
| | KeyConnect, 48-Port, 1U** | AX103121 |
| | KeyConnect, 48-Port, 2U** | AX103115 |


*Preloaded; **Modular patch panels

Be certain.




Networking Solutions – CAT5E (TIA/EIA Category 5e LAN) (continued)

CAT5E Modular Cords (Bonded-Pairs CMR)

|  | Description | Belden Part Number | | | |
|---|----------------|--------------------|------------|------------|------------|
| | | Black | Blue | Purple | White |
| | 2 ft. (0.6 m) | C501100002 | C501106002 | C501107002 | C501109002 |
| | 4 ft. (1.2 m) | C501100004 | C501106004 | C501107004 | C501109004 |
| | 7 ft. (2.1 m) | C501100007 | C501106007 | C501107007 | C501109007 |
| | 10 ft. (3.0 m) | C501100010 | C501106010 | C501107010 | C501109010 |
| | 15 ft. (4.6 m) | C501100015 | C501106015 | C501107015 | C501109015 |


Other lengths and colors available

CAT5E Horizontal Cable


|  | Description | Bonded | | | Non-Bonded | | | |
|--|--|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| | | Blue | White | Black | Blue | White | Purple | Black |
| | 1200 Solution - CMR | 1700A 006U1000 | 1700A 009U1000 | 1700A 010U1000 | 1212 006U1000 | 1212 009U1000 | 1212 007U1000 | 1212 010U1000 |
| | 1200 Solution - CMP | 1701A D15U1000 | 1701A 009U1000 | 1701A 010U1000 | 1213 D15U1000 | 1213 009U1000 | 1213 007U1000 | 1213 010U1000 |
| | Indoor/Outdoor Category 5e (CMR/CMX) | — | — | 7918A | — | 1594A | — | 7923A |
| | Indoor/Outdoor Category 5e (Waterblocked) | — | — | — | — | — | — | 7934A |
| | Indoor/Outdoor Category 5e Shielded (CMR/CMX) | — | — | — | — | — | — | 7919A |
| | Indoor/Outdoor Category 5e Shielded (Waterblocked) | — | — | — | — | — | — | 7937A |
| | Indoor/Outdoor Tactical Category 5e (Heavy Duty Jacket) | — | — | 1304A | — | — | — | — |
| | 4 Channel CatSnake Tactical Category 5e (16 pairs total) | — | — | 1304A4 | — | — | — | — |
| | Indoor/Outdoor Tactical Category 5e (Upjacketed) | — | — | 1305A | — | — | — | — |
| | 1 Pair Category 5e | 1353A 006U1000 | 1353A 009U1000 | 1353A 010U1000 | — | — | — | — |

Other colors available

CAT5E Shielded Cabling System

|  | Description | Blue | Gray | White | Black | Metallic |
|---|--|---------------|---------------|---------------|---------------|----------|
| | | 1212F 0061000 | 1212F 0081000 | 1212F 0091000 | 1212F 0101000 | — |
| | Belden DataTwist 1200, F/UTP, Non Plenum | 1213F 0061000 | 1213F 0081000 | 1213F 0091000 | 1213F 0101000 | — |
| | Belden DataTwist 1200, F/UTP, Plenum | — | — | — | — | AX104595 |
| | Shielded Modular Jack, Metallic | — | — | — | — | AX104563 |
| | Shielded Modular Patch Panel, 24-Port, 1U, Titanium (empty) | — | — | — | — | AX104564 |
| | Shielded Modular Patch Panel, 48-Port, 2U, Titanium (empty) | C5F1106002 | C5F1108002 | C5F1109002 | C5F1100002 | — |
| | 2 ft (1.2m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C5F1106004 | C5F1108004 | C5F1109004 | C5F1100004 | — |
| | 7 ft (2.1m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C5F1106007 | C5F1108007 | C5F1109007 | C5F1100007 | — |
| | 15 ft (4.6m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C5F1106015 | C5F1108015 | C5F1109015 | C5F1100015 | — |
| | 25 ft (7.6m), Shielded Patch Cord, 4-Pair, T568A/B-T568A/B, Non Plenum | C5F1106025 | C5F1108025 | C5F1109025 | C5F1100025 | — |
| | 15 ft (4.6m), Shielded Pigtailed, 4-Pair, T568B-Open, Non Plenum | C5F1306015 | C5F1308015 | — | — | — |
| | 25 ft (7.6m), Shielded Pigtailed, 4-Pair, T568B-Open, Non Plenum | C5F1306025 | C5F1308025 | — | — | — |

CAT5E Accessories

|  | Description | Belden Part Number | Description | Belden Part Number |
|---|------------------------|--------------------|--|--------------------|
| | | | | |
| | Connecting Tool | AX100749 | Velcro Cable Ties, 25 Per Roll, Black, 8 in | AX100783 |
| | Termination Station | AX101852 | Velcro Cable Ties, 25 Per Roll, Black, 12 in | AX100784 |
| | Release Tool | AX101185 | Wrap-Around Labels, Gray, 48 Labels/Sheet (25 sheets per pack) | AX101555 |
| | Cable Preparation Tool | 1797B | | |
| | Patch Cord Tool | AX102775 | | |

Networking Solutions – FiberExpress System

FX Brilliance Universal Connectors

| Description | Belden Part Number | | |
|-------------------------------------|--------------------|---------------------------|-------------------------------|
| | Multimode, OM1 | Multimode, OM3/OM4 - Aqua | Multimode, OM4 - Erika Violet |
| LC with 900 µm Boot, 25 per package | AX105200-B25 | AX105202-B25 | AX105252-B25 |
| SC with 900 µm Boot, 25 per package | AX105205-B25 | AX105207-B25 | AX105253-B25 |
| ST with 900 µm Boot, 25 per package | AX105210-B25 | AX105212-B25 | AX105254-B25 |

| Description | Belden Part Number | |
|---------------------|--------------------|---------------------|
| | Singlemode, OS2 | Singlemode, OS2/APC |
| LC with 900 µm Boot | AX105203-B25 | – |
| SC with 900 µm Boot | AX105208-B25 | AX105209-B25 |
| ST with 900 µm Boot | AX105213-B25 | – |

FX Brilliance Universal includes a boot for 900 µm Tight Buffered fiber. Boots for 2 mm/3 mm Jacketed fiber are sold separately. Replace -B25 with -S1 for sample 1 per package.

FX Breakout Kits

| Description | Belden Part Number |
|---|--------------------|
| Breakout Kit for 2.0 mm Subunits, 6-fiber, 1-Pack | AX101100 |
| Breakout Kit for 3.0 mm Subunits, 12-fiber, 1-Pack | AX101101 |
| Breakout kit for 5.2 mm Subunits (Central Tube), 6-fiber, 1-Pack | AX104695 |
| Breakout kit for 5.2 mm Subunits (Central Tube), 12-fiber, 1-Pack | AX104696 |

FX Brilliance Installation Kit

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

FX UHD Housings

| Description | Number of Module Bays | Total LC Duplex/ MPO Ports using FX Ultra Frames and Cassettes | Total LC Duplex/ MPO Ports using FX UHD Frames and Cassettes | Belden Part Number | |
|--|-----------------------|--|--|--------------------|----------|
| | | | | Titanium | Black |
| 1U Housing with Front and Rear Cable Tray | 4 | 48 | 72 | AX104681 | AX105563 |
| 4U Housing with Front and Rear Cable Tray | 16 | 192 | 288 | AX104683 | AX105565 |
| 4U 23" Housing with Front and Rear Cable Tray | 20 | 240 | 360 | AX105379 | – |
| Optional 1U Splice Housing Kit, 144 splices (add up to 4 on the 4U Housing) ¹ | N/A | N/A | N/A | AX104684 | AX105678 |
| Optional Patch Cord Tray Cover, 19in ² | N/A | N/A | N/A | AX105162 | – |

FX UHD Shelves

| Description | Number of Module Bays | Total LC Duplex/ MPO Ports using FX Ultra Frames and Cassettes | Total LC Duplex/ MPO Ports using FX UHD Frames and Cassettes | Belden Part Number | |
|-------------------------|-----------------------|--|--|--------------------|----------|
| | | | | Titanium | Black |
| 1U Standard Fixed Shelf | 4 | 48 | 72 | AX105164 | AX105673 |
| 1U Recessed Fixed Shelf | 4 | 48 | 72 | AX105165 | AX105674 |
| 4U Standard Fixed Shelf | 10 | 120 | 180 | AX105166 | AX105675 |
| 4U Recessed Fixed Shelf | 10 | 120 | 180 | AX105167 | AX105676 |

See the FX UHD System Product Bulletin (PB500) for further options

FX UHD and FX Ultra Type-A Cassettes

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

¹Optional HD Patch cord release tool AX104685

Be certain.



Networking Solutions – FiberExpress System (continued)

FX UHD and FX Ultra Type-A-Alternate Cassettes*

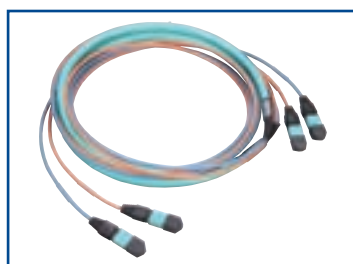
| Description | Belden Part Number | | | | | | |
|--------------------------------|----------------------|-------------|----------|--------------------|-------------------|---------------------------|-------------------|
| | Patch Ports (fibers) | Trunk Ports | Family | OM1 Beige Adapters | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters |
| LC Duplex to MPO-12(f) | | | | | | | |
| 18 (36) | 3 | | FX UHD* | – | FC3H18LDMF1A | FC4H18LDMF1E | FCSH18LDMF1B |
| 12 (24) | 2 | | FX Ultra | FC1U12LDMF1K | FC3U12LDMF1A | FC4U12LDMF1E | FCSU12LDMF1B |
| SC Duplex to MPO-12(f) | | | | | | | |
| 6 (12) | 1 | | FX Ultra | FC1U06SDMF1T | FC3U06SDMF1A | FC4U06SDMF1E | FCSU06SDMF1B |
| SC Simplex to MPO-12(f) | | | | | | | |
| 12 (12) | 1 | | FX Ultra | – | – | – | FCSU12SCMF1B |

* In order to maintain proper port numbering within a 10G installation AND chart your path to 40G and beyond, please refer to our Fiber Optic Catalog that outlines when and where to use Type-A-Alternate Cassettes, as well as the process for migrating to 40G.

FX UHD and FX Ultra Frames

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

FX MPO Trunk Assemblies



Building a SmartPart Number

| Fixed Series | 1. Choose Fiber Type | 2. Choose Connectors | 3. Choose Connector Gender | 4. Choose Polarity (outside) | 5. Choose Connector Count (per side) | 6. Choose Length | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------|----------------------------|------------------------------|--------------------------------------|------------------|------------|------------|------------------|--------------------|-----------------|--------|-------|----------|----------------|----------|------------|------------------------------------|-------|--|----------------------|----------|------------|-------|--|--|----------|-------------|
| FM | 4 | M | M | B | 2 | 025M | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Fiber Type</th><th>Connectors</th><th>Connector Gender</th><th>Polarity (outside)</th><th>Connector Count</th><th>Length</th></tr><tr><td>3 OM3</td><td>M MPO-12</td><td>M Male to Male</td><td>A Type-A</td><td>1 12 Fiber</td><td rowspan="3">005M to 350M (use M as decimal)</td></tr><tr><td>4 OM4</td><td></td><td>E Extension (M to F)</td><td>B Type-B</td><td>2 24 Fiber</td></tr><tr><td>S OS2</td><td></td><td></td><td>C Type-C</td><td>D 144 Fiber</td></tr></table> | | | | | | | Fiber Type | Connectors | Connector Gender | Polarity (outside) | Connector Count | Length | 3 OM3 | M MPO-12 | M Male to Male | A Type-A | 1 12 Fiber | 005M to 350M (use M as decimal) | 4 OM4 | | E Extension (M to F) | B Type-B | 2 24 Fiber | S OS2 | | | C Type-C | D 144 Fiber |
| Fiber Type | Connectors | Connector Gender | Polarity (outside) | Connector Count | Length | | | | | | | | | | | | | | | | | | | | | | | |
| 3 OM3 | M MPO-12 | M Male to Male | A Type-A | 1 12 Fiber | 005M to 350M (use M as decimal) | | | | | | | | | | | | | | | | | | | | | | | |
| 4 OM4 | | E Extension (M to F) | B Type-B | 2 24 Fiber | | | | | | | | | | | | | | | | | | | | | | | | |
| S OS2 | | | C Type-C | D 144 Fiber | | | | | | | | | | | | | | | | | | | | | | | | |






Examples:

FM4MMB2025M: FX MPO TRUNK, OM4, MPO-12(MALE TO MALE), TYPE-B, 2 MPO (24 FIBERS), 25 M, OFNP, MINI-DISTRIBUTION (3.0MM SUB-UNITS), FAN-OUT: 0.5M x IN-LINE, ERIKA VIOLET JACKET

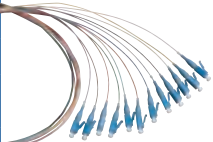
FMSMEBD17M5: FX MPO TRUNK, OS2, MPO-12(MALE TO FEMALE), TYPE-B, 12 MPO (144 FIBERS), 17.5 M, OFNP, MINI-DISTRIBUTION (3.0MM SUB-UNITS), FAN-OUT: 0.5M x IN-LINE, YELLOW JACKET

Networking Solutions – FiberExpress System (continued)

Standard FX Patch Cords


| | Length (m) | OM1 Beige | | | | | OM3 Aqua | | | | | OM4 Erika Violet | | | | | OS2 Blue | | | | | OS2/APC Green | | | | |
|---|------------|------------------------|--|--|--|--|------------------------|--|--|--|--|------------------------|--|--|--|--|------------------------|--|--|--|--|--------------------------------|--|--|--|--|
| | | MPO-12(f) to MPO-12(f) | | | | | LC Duplex to LC Duplex | | | | | SC Duplex to SC Duplex | | | | | ST to ST (Duplex Cord) | | | | | Hybrid: LC Duplex to SC Duplex | | | | |
|  | 2 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 5 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
|  | 2 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 5 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
|  | 2 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 5 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
|  | 2 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 5 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
|  | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |
| | 3 | — | | | | | — | | | | | — | | | | | — | | | | | — | | | | |

FX Color-coded Pigtail Kits (900 µm)

| | Description | Belden Part Number | | | | |
|--|-------------|--------------------|--------------|--------------|--------------|--------------|
| | | OM1 | OM3 | OM4 | OS2 | SM/APC |
|  | LC | — | FT3LC900PR12 | FT4LC900PR12 | FTSLC900PR12 | FTSLB900PR12 |
| | SC | FT1SC900PR12 | FT3SC900PR12 | FT4SC900PR12 | FTSSC900PR12 | FTSSB900PR12 |
| | ST | FT1ST900PR12 | FT3ST900PR12 | — | FTSST900PR12 | — |

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

FX Cable

| | Description | | Belden Part Number | | | | | | |
|--|------------------|--------------|--------------------|----------|-----------|-----------|-----------|-----------|------------|
| | | | 2 fibers | 6 fibers | 12 fibers | 24 fibers | 48 fibers | 96 fibers | 144 fibers |
|  | Indoor | Interconnect | Riser | B96915 | — | — | — | — | — |
| | | Plenum | B96919 | — | — | — | — | — | — |
| | Indoor | Distribution | Riser | B9X037 | B9X039 | B9X042 | B9X601 | B9X606 | B9X622 |
| | | Tight buffer | Plenum | B9X043 | B9X045 | B9X048 | B9X611 | B9X616 | B9X623 |
| | | Breakout | Riser | B9X005 | B9X007 | B9X010 | B9X012 | — | — |
| | | 2.0mm units | Plenum | B9X013 | B9X015 | B9X018 | B9X020 | — | — |
| | | Interlocked | Riser | — | B9X230 | B9X231 | B9X232 | B9X235 | B9X237 |
| | | Armor Dist. | Plenum | — | B9X240 | B9X241 | B9X242 | B9X245 | B9X247 |
| Outdoor | Loose Tube | Riser | — | B9X510T | B9X511T | B9X500T | B9X505T | B9X513T | B9X509T |
| | | Distribution | Riser | B9X037T | B9X039T | B9X042T | B9X601T | B9X606T | — |
| | Indoor / Outdoor | Tight Buffer | Plenum | B9X043T | B9X045T | B9X048T | B9X611T | B9X616T | — |
| | | Loose Tube | Riser | — | B9X810 | B9X811 | B9X812 | B9X814 | B9X816 |
| | | | Plenum | — | B9X202 | B9X204 | B9X205 | B9X207 | B9X211 |
| | | | | | | | | | |

Other Fiber Counts are available; See our full line up in our Belden Optical Fiber Catalog

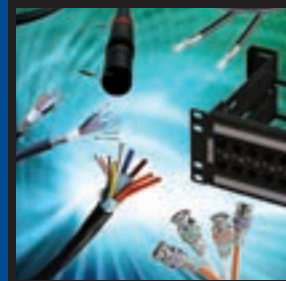
Where X is replaced by:

| OM1 | OM2 | OM3 | OM4 | Single-mode |
|-----|-----|-----|-----|-------------|
| B | A | C | E | W |

Other connector and adapter types are available

Other patch cord combinations and lengths are available

Be certain.



Broadcast Cable Assemblies

Belden is continuing to build on its reputation as the solutions provider for the Broadcast and Pro AV markets, with the addition of pre-terminated, custom made, cable assemblies to its solutions portfolio. Belden is now able to offer a wide range of cable assemblies in custom lengths using SMPTE, Tactical Fiber, Coax, Triax, and Audio cables and industry leading connector brands, in cable assemblies with the same superior quality that you have come to expect from Belden. All assemblies are manufactured to Belden's strict quality standards and undergo rigorous testing to ensure that your signal is transmitted flawlessly and safely.

Some of the cable and connector choices include, but are not limited to the list to the right.

Assembly configurators have been developed to help our customers navigate the breadth of cable and connector alternatives offered and to simplify the process of "building" assemblies that fit their particular installation requirements.



Broadcast Coax/Triax Assembly Configurator

| Assembly | Connector 1 | Product Code | Connector 2 | Length & Unit of Measure | Jacket Color |
|----------|-------------|--------------|-------------|--------------------------|--------------|
| A | 05 | 1855A | 05 | 150 | R |

Please select options 1 to 9 (in order):

| | |
|--------------------------|---------------------------|
| 1. Cable Type: | Coax |
| 2. UL Type: | CMR |
| 3. Cable Grade: | RG-59 |
| 4. Cable Construction: | 1855A |
| 5. Connector 1 Make: | Belden |
| 6. Connector 1: | 1-Piece Compression-1855A |
| 7. Connector 2 Make: | Belden |
| 8. Connector 2: | 1-Piece Compression-1855A |
| 9. Type a Length (feet): | 150 |
| 10. Jacket Color: | RED |

Special Labeling Instructions



| | |
|--------------------|---|
| Part Number: | A051855A05150R |
| Description: | Belden Coax, RG-59, 1855A, Belden/1-Piece Compression-1855A, Belden/1-Piece Compression-1855A, 150 Feet, RED Jacket |
| Lead Time: | 2 Weeks |
| Minimum Order Qty: | 20 pcs. |

Version 1.2

Once configured, each assembly will have a "smart part" number assigned to it that will allow the user to easily determine the construction of the assembly and can be used for repeat ordering. To facilitate the quoting process, the configurators have built-in functionality that allows the user to build a BOM of different assemblies that can then be sent in for quoting purposes.

| Assembly | Connector 1 | Product Code | Connector 2 | Length & Unit of Measure | Jacket Color |
|----------|-------------|--------------|-------------|--------------------------|--------------|
| A | 05 | 1855A | 05 | 150 | R |

For more information or to access the configurators, please visit our website; <http://www.belden.com/broadcast-assemblies.cfm>, or call 1-800-422-9961.

| Coax |  Cables: 1694A, 1694WB, 1855A, 1505A, 1505F, 1694F, 1855P, 7731A, 7732A, 1506A, 179DT, 1695A Connectors: Belden Brilliance HD-BNC, King's BNC & Mini DIN's, Amphenol BNC & Mini DIN's |
|----------------|---|
| Triax |  Cables: RG-11 - 8233, 8233A, 8233P, 1859A RG-59 - 1856A, 1857A, 1856B, 88232 Connectors: King's Lemo |
| Tactical Fiber |  Cables: Single Mode and Multi Mode 2 - 12 channels Connectors: LC, SC & ST Tyco, Amphenol, QPC, Neutrik OpticalCON |
| SMPTE |  Cables: 7804R - Industry Standard 7804P - Industry Standard Plenum 7804LW - Light Duty 7804WB - Industry Standard Waterblocked 7804C - Heavy Gauge Standard 7817A - Double Jacket 7818A - Harsh Environment Connectors: Lemo King's Amphenol |
| Audio Cable |  Cables: 9451, 9451P, 1800B, 1815R, 1816R, 1513C Connectors: Neutrik XLR Amphenol XLR DT-12 |

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| 6T00UP | 4 | 1325A | 4 | 1801BS6 | 3 | 3613 D15A1000 | 7, 12 | 6302UH | 4 | 8812 | 4 | AX102657 | 10 |
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| 10GX12 0071000 | 7, 11 | 1326A | 4 | 1802F | 3 | 3632 009A1000 | 7, 12 | 6400FH | 4 | 9116 | 8 | AX102671 | 10 |
| 10GX12 0091000 | 7, 11 | 1326R | 4 | 1803F | 3 | 3632 010A1000 | 7, 12 | 6500FE | 4 | 9116P | 8 | AX102775 | 12, 13 |
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| 10GX13 0091000 | 7, 11 | 1351A 0061000 | 12 | 1806F | 3 | 3633 010A1000 | 7, 12 | 6502FE | 4 | 9451D | 3, 4 | AX102904 | 10 |
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| 10GX33 0091000 | 7, 11 | 1352A 0081000 | 12 | 1814WB | 3 | 5000UE | 4 | 6543PA | 3 | 9451PS6 | 3 | AX102908 | 10 |
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| 10GXS32 0061000 | 11 | 1502P | 9 | 1817R | 3 | 5140F1 | 4 | 7731WB | 5 | 533945 | 8 | AX103255 | 11 |
| 10GXS32 0091000 | 11 | 1502R | 9 | 1817WB | 3 | 5140U1 | 4 | 7732A | 5 | 539945 | 8 | AX103256 | 10 |
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| AX105346-AL | 10 | B9X619 | 16 | C6F1106015 | 12 | CA21106002 | 11 | FFSH18LA | 15 | FPSSTST003M | 16 | XMF45241222200 | 9 |
| AX105346-BK | 10 | B9X621 | 16 | C6F1106025 | 12 | CA21106004 | 11 | FFSH18LD | 15 | FPSSTST005M | 16 | XSF47-24-100000 | 9 |
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| AX105674 | 14 | B9X814 | 16 | C6F1109002 | 12 | CA21107007 | 11 | FFSU12MP | 15 | FSNS6PLQ | 8 | XWM-48XX-GD-3 | 9 |
| AX105675 | 14 | B9X816 | 16 | C6F1109004 | 12 | CA21107010 | 11 | FFSU12SB | 15 | FSNS6RCAPL | 8 | XWM-48XX-SD-3 | 9 |
| AX105676 | 14 | B9X817 | 16 | C6F1109007 | 12 | CA21107015 | 11 | FFSU12SC | 15 | FSNS6RCAPLQ | 8 | | |
| AX105678 | 14 | B96551 | 6 | C6F1109015 | 12 | CA21109002 | 11 | FFSU12ST | 15 | FSNS6RCAU | 8 | | |
| B9E006 | 8 | B96566 | 6 | C6F1109025 | 12 | CA21109004 | 11 | FP1LSDSD003M | 16 | FSNS6U | 8 | | |
| B9E014 | 8 | B96567 | 6 | C6F1306015 | 12 | CA21109007 | 11 | FP1SDSD002M | 16 | FSNS11HBCN | 8 | | |
| B9X005 | 16 | B96568 | 6 | C6F1306025 | 12 | CA21109010 | 11 | FP1SDSD003M | 16 | FSNS11HBCNPLA | 5 | | |
| B9X007 | 16 | B96569 | 6 | C6F1308015 | 12 | CA21109015 | 11 | FP1SDSD005M | 16 | FSNS11QHBCN | 5 | | |
| B9X010 | 16 | B96570 | 6 | C6F1308025 | 12 | CPLCCT-11BNC | 5, 8 | FP1SDST003M | 16 | FSNS59BNCPL | 8 | | |
| B9X012 | 16 | B96571 | 6 | C601106XXXA06 | 12 | CPLCCT-SLM | 6, 8 | FP1STST002M | 16 | FSNS59BNCPL | 8 | | |
| B9X013 | 16 | B96572 | 6 | C602106XXXA06 | 12 | CPLCCT-SS59/11 | 5 | FP1STST003M | 16 | FSNS59PL | 8 | | |
| B9X015 | 16 | B96573 | 6 | C501100002 | 13 | CPLCRBC1794 | 5 | FP1STST005M | 16 | FSNS59U | 8 | | |

Recommended Transmission Distance at Serial Digital Data Rates

| Data Rate: | 143 Mb/s | | 177 Mb/s | | 270 Mb/s | | 360 Mb/s | | 1.5 Gb/s | | 3.0 Gb/s | |
|-------------------|-------------------------|-----|------------------------|-----|------------------|-----|-------------------|-----|------------|-----|--------------------|-----|
| Spec: | SMPTE 259M | | ITU-R BT. 601 | | SMPTE 259M | | SMPTE 259M | | SMPTE 292M | | SMPTE 424M | |
| Cable Part Number | Composite SD-SDI (NTSC) | | Composite SD-SDI (PAL) | | Component SD-SDI | | Widescreen SD-SDI | | HD-SDI | | 1080p/50-60 3G-SDI | |
| | Ft. | m | Ft. | m | Ft. | m | Ft. | m | Ft. | m | Ft. | m |
| 179DT | 542 | 165 | 498 | 152 | 416 | 127 | 362 | 110 | 115 | 35 | 81 | 25 |
| 1865A* | 686 | 209 | 627 | 191 | 517 | 158 | 446 | 136 | 134 | 41 | 90 | 27 |
| 1855P | 986 | 301 | 904 | 276 | 746 | 227 | 640 | 195 | 190 | 58 | 125 | 38 |
| 1855A | 1022 | 312 | 932 | 284 | 781 | 238 | 680 | 207 | 215 | 66 | 149 | 45 |
| 1505F | 1173 | 358 | 1060 | 323 | 858 | 262 | 732 | 223 | 220 | 67 | 147 | 45 |
| 1506A*** | 1354 | 413 | 1243 | 379 | 1030 | 314 | 887 | 270 | 265 | 81 | 177 | 54 |
| 1694F | 1460 | 445 | 1312 | 400 | 1066 | 325 | 916 | 279 | 280 | 85 | 189 | 58 |
| 1505A** | 1440 | 439 | 1317 | 401 | 1105 | 337 | 958 | 292 | 304 | 93 | 210 | 64 |
| 1695A | 1706 | 520 | 1566 | 477 | 1276 | 389 | 1104 | 337 | 322 | 98 | 211 | 64 |
| 1694WB**** | 1733 | 528 | 1597 | 487 | 1333 | 406 | 1161 | 354 | 363 | 111 | 249 | 76 |
| 1694A**** | 1791 | 546 | 1650 | 503 | 1371 | 418 | 1188 | 362 | 371 | 113 | 256 | 78 |
| 1694D | 1791 | 546 | 1650 | 503 | 1371 | 418 | 1188 | 362 | 371 | 113 | 256 | 78 |
| 7732A | 2575 | 785 | 2335 | 712 | 1929 | 588 | 1638 | 499 | 451 | 137 | 283 | 86 |
| 1794A | 2276 | 694 | 2078 | 633 | 1746 | 532 | 1510 | 460 | 469 | 143 | 320 | 98 |
| 7731A | 2791 | 851 | 2613 | 796 | 2146 | 654 | 1871 | 570 | 580 | 177 | 393 | 120 |

The serial digital interconnect standards are designed to operate where the signal loss at 1/2 the clock frequency does not exceed the approximate loss values listed below. The recommended length values shown are based on typical attenuation values for the cables listed and the following criteria: **Maximum length = 30 dB loss at 1/2 the clock frequency: SMPTE 259M, PAL, Widescreen. Maximum length = 20 dB loss at 1/2 the clock frequency: SMPTE 292M and SMPTE 424M.**

The bit error rate (BER) can vary dramatically as the calculated distances are approached. BER is dependent on receiver design and the losses of the actual coax used. Distribution and routing equipment manufacturers should be contacted to verify their maximum recommended transmission.

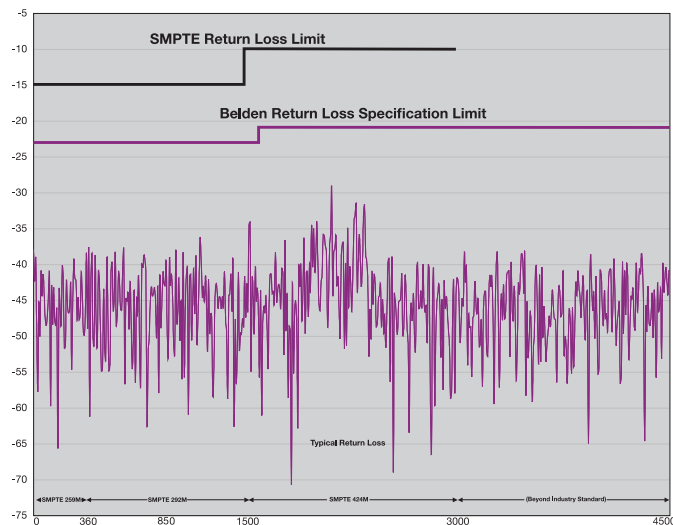
* Includes cables that use 1855A as a constituent, such as 7787A, 7788A, 7789A, 7790A, 7791A, 7792A, 1855S3, 1855S5, 1855S6

** Includes cables that use 1505A as a constituent, such as 7794A, 7795A, 7796A, 7798A, 1505S3, 1505S5, 1505S6

*** Includes cables that use 1506A as a constituent, such as 1283S3, 1283S5, 1283S6

**** Includes cables that use 1694A as a constituent, such as 7710A, 7711A, 7712A, 7713A, 1694S3, 1694S5, 1694S6, 1694WB, 1694D

Return Loss Headroom (1694A)



Maximum Recommended Transmission Distance at Digital Audio Data Rates* (AES3-2003)**

| Part Number | 6 MHz | | 12 MHz | | 25 MHz | |
|-----------------------------------|-------|------|--------|-----|--------|-----|
| | Ft. | m | Ft. | m | Ft. | m |
| 1353A | 1112 | 339 | 772 | 235 | 525 | 160 |
| 9180, 7880A Series | 813 | 248 | 633 | 193 | 474 | 144 |
| 1800F | 664 | 203 | 424 | 129 | 279 | 85 |
| 1800B, 1801B, 1802B, 1803F Series | 1105 | 337 | 877 | 267 | 649 | 198 |
| 1696A | 1538 | 469 | 1250 | 381 | 1015 | 309 |
| 179DT (AES3) [†] ♦ | 1005 | 306 | 722 | 220 | 522 | 159 |
| (AES-3id) ^{††} | 402 | 123 | 289 | 88 | 209 | 64 |
| 1855A (AES3) [†] ♦ | 1992 | 607 | 1538 | 469 | 1111 | 339 |
| (AES-3id) ^{††} | 796 | 242 | 615 | 188 | 444 | 135 |
| 1505A (AES3) [†] ♦ | 2911 | 887 | 2222 | 677 | 1538 | 469 |
| (AES-3id) ^{††} | 1164 | 355 | 888 | 270 | 615 | 188 |
| 1505F (AES3) [†] ♦ | 2985 | 910 | 2041 | 622 | 1389 | 423 |
| (AES-3id) ^{††} | 1194 | 364 | 816 | 249 | 556 | 169 |
| 1694A (AES3) [†] ♦ | 3407 | 1039 | 2500 | 762 | 2000 | 610 |
| (AES-3id) ^{††} | 1363 | 416 | 1000 | 305 | 800 | 244 |
| 1694F (AES3) [†] ♦ | 3660 | 1116 | 2411 | 735 | 1701 | 518 |
| (AES-3id) ^{††} | 1811 | 552 | 1193 | 364 | 841 | 256 |