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SENDING ALL THE RIGHT SIGNALS®

Broadcast and Professional AV Solutions

Broadcast and Audio Video Products and Systems

Be certain.

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BELDEN
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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	5240F1
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	—	—

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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	179DTBHDL	CPLCRBC-BR	PS59/6/RGB	179DTBHD3	BB3PHCT	BB3PST	SLS-RGB-*
Miniature 23 AWG Precision Video, Non Plenum and Plenum	1855A	1855ABHD1	1855ABHDL	CPLCRBC-BR	PS59/6/RGB	1855ABHD3	BB3PHCT	BB3PST	SLS-RGB-*
Miniature RG59 Precision Video, Non Plenum and Plenum	1855P	1855ABHD1	1855ABHDL	CPLCRBC-BR	PS59/6/RGB	1855ABHD3	BB3PHCT	BB3PST	SLS-RGB-*
5 Cond Miniature 23 AWG Precision Video, Non Plenum, Banana Peel	1855S5	1855ABHD1	1855ABHDL	CPLCRBC-BR	PS59/6/RGB	1855ABHD3	BB3PHCT	BB3PST	SLS-RGB-*
VideoFlex 5 Pack Snake, Non Plenum (1855A)	7789A	1855ABHD1	1855ABHDL	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

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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

Call Interstate Wire Co., Inc. - (800) 527-0010

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	FSNS59BNCSL	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	FSNS59BNCSL	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 Fiber*Express* 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

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Belden Technical Support **1.800.BELDEN.1** (1.800.235.3361)

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.

Call Interstate Wire Co., Inc. - (800) 527-0010

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	X105344-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

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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

Call Interstate Wire Co., Inc. - (800) 527-0010

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	2412F 0061000	2412F 0081000	2412F 0091000	—	—
Belden DataTwist 2400, F/UTP, Plenum	2413F 0061000	2413F 0081000	2413F 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 Pigtails, 4-Pair, T568B-Open, Non Plenum	C6F1306015	C6F1308015	—	—	—
25 ft (7.6m), Shielded Pigtails, 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

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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
Tactical Category 5e (Heavy Duty Jacket)	—	—	1304A	—	—	—	—
4 Channel CatSnake Tactical Category 5e (16 pairs total)	—	—	1304A4	—	—	—	—
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
Belden DataTwist 1200, F/UTP, Non Plenum	1212F 0061000	1212F 0081000	1212F 0091000	1212F 0101000	—
Belden DataTwist 1200, F/UTP, Plenum	1213F 0061000	1213F 0081000	1213F 0091000	1213F 0101000	—
Shielded Modular Jack, Metallic	—	—	—	—	AX104595
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	C5F1106002	C5F1108002	C5F1109002	C5F1100002	—
4 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 Pigtails, 4-Pair, T568B-Open, Non Plenum	C5F1306015	C5F1308015	—	—	—
25 ft (7.6m), Shielded Pigtails, 4-Pair, T568B-Open, Non Plenum	C5F1306025	C5F1308025	—	—	—

CAT5E 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 — Fiber*Express* 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 Adapt-ers	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

*Optional HD Patch cord release tool AX104685

Call Interstate Wire Co., Inc. - (800) 527-0010
Belden Technical Support **1.800.BELDEN.1** (1.800.235.3361)

Networking Solutions — Fiber*Express* 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	SM/APC Green Adapters
LC Duplex to MPO-12(f)							
18 (36)	3	FX UHD*	–	FC3H18LDMF1A	FC4H18LDMF1E	FCSH18LDMF1B	FCSH18LAMF1G
12 (24)	2	FX Ultra	FC1U12LDMF1K	FC3U12LDMF1A	FC4U12LDMF1E	FCSU12LDMF1B	FCSU12LAMF1G
SC Duplex to MPO-12(f)							
6 (12)	1	FX Ultra	FC1U06SDMF1T	FC3U06SDMF1A	FC4U06SDMF1E	FCSU06SDMF1B	FCSU06SAMF1G
SC Simplex to MPO-12(f)							
12 (12)	1	FX Ultra	–	–	–	FCSU12SCMF1B	FCSU12SBMF1G

* 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	SM/APC Green Adapters
MPO Type-A (Key-Up/Key-Down)						
18	FX UHD	–	FF3H18MP	FF4H18MP	–	FFSH18MP
12	FX Ultra	–	FF3U12MP	FF4U12MP	–	FFSU12MP
LC Duplex						
18 (36)	FX UHD	–	FF3H18LD	FF4H18LD	FFSH18LD	FFSH18LA
12 (24)	FX Ultra	FF1U12LD	FF3U12LD	FF4U12LD	FFSU12LD	FFSU12LA
SC Duplex						
6 (12)	FX Ultra	FF1U06SD	FF3U06SD	FF4U06SD	FFSU06SD	FFSU06SA
SC Simplex						
12 (12)	FX Ultra	–	–	–	FFSU12SC	FFSU12SB
ST						
12 (12), Metal	FX Ultra	← FFSU12ST →				–

FX MPO Trunk Assemblies

Building a *Smart*Part 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

Fiber Type	
3	OM3
4	OM4
S	OS2

Connectors	
M	MPO-12

Connector Gender	
M	Male to Male
E	Extension (M to F)

Polarity (outside)	
A	Type-A
B	Type-B
C	Type-C

Connector Count	
1	12 Fiber
2	24 Fiber
D	144 Fiber

Length
005M to 350M (use M as decimal)

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 — Fiber*Express* 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)					
2	–	FP3MFMF002M	FP4MFMF002M	–	FPSMFMF002M
3	–	FP3MFMF003M	FP4MFMF003M	–	FPSMFMF003M
5	–	FP3MFMF005M	FP4MFMF005M	–	FPSMFMF005M
LC Duplex to LC Duplex					
2	–	FP3LDLD002M	FP4LDLD002M	FPSLDLD002M	FPSLALA002M
3	–	FP3LDLD003M	FP4LDLD003M	FPSLDLD003M	FPSLALA003M
5	–	FP3LDLD005M	FP4LDLD005M	FPSLDLD005M	FPSLALA005M
SC Duplex to SC Duplex					
2	FP1SDSD002M	FP3SDSD002M	FP4SDSD002M	FPSSDSD002M	FPSSASA002M
3	FP1SDSD003M	FP3SDSD003M	FP4SDSD003M	FPSSDSD003M	FPSSASA003M
5	FP1SDSD005M	FP3SDSD005M	FP4SDSD005M	FPSSDSD005M	FPSSASA005M
ST to ST (Duplex Cord)					
2	FP1STST002M	FP3STST002M	FP4STST002M	FPSSTST002M	–
3	FP1STST003M	FP3STST003M	FP4STST003M	FPSSTST003M	–
5	FP1STST005M	FP3STST005M	FP4STST005M	FPSSTST005M	–
Hybrid: LC Duplex to SC Duplex					
3	FP1LDSD003M	FP3LDSD003M	FP4LDSD003M	FPSLDSD003M	FPSLASA003M
Hybrid: SC Duplex to ST					
3	FP1SDST003M	FP3SDST003M	–	FPSSDST003M	–

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 Tight buffer	Riser	B9X037	B9X039	B9X042	B9X601	B9X606	B9X622	B9X619
		Plenum	B9X043	B9X045	B9X048	B9X611	B9X616	B9X623	B9X621
	Breakout 2.0mm units	Riser	B9X005	B9X007	B9X010	B9X012	—	—	—
		Plenum	B9X013	B9X015	B9X018	B9X020	—	—	—
	Interlocked Armor Dist.	Riser	—	B9X230	B9X231	B9X232	B9X235	B9X237	B9X238
		Plenum	—	B9X240	B9X241	B9X242	B9X245	B9X247	B9X248
Outdoor	Loose Tube	Riser	—	B9X510T	B9X511T	B9X500T	B9X505T	B9X513T	B9X509T
Indoor / Outdoor	Distribution Tight Buffer	Riser	B9X037T	B9X039T	B9X042T	B9X601T	B9X606T	—	—
		Plenum	B9X043T	B9X045T	B9X048T	B9X611T	B9X616T	—	—
	Loose Tube	Riser	—	B9X810	B9X811	B9X812	B9X814	B9X816	B9X817
		Plenum	—	B9X202	B9X204	B9X205	B9X207	B9X211	B9X215

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

Call Interstate Wire Co., Inc. - (800) 527-0010
Belden Technical Support **1.800.BELDEN.1** (1.800.235.3361)

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.

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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

Cable Information

AWG	23
Plenum Rated	No
Riser Rated	Yes
Belden Color Code	002

Connector Information

Connector 1 Product Code	1855ABHD1
Connector 1 Finish/Band Color	Polished Nickel/Purple
Connector 2 Product Code	1855ABHD1
Connector 2 Finish/Band Color	Polished Nickel/Purple

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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BELDEN
SENDING ALL THE RIGHT SIGNALS

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

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