



BELDEN



**Broadcast and Professional
Audio & Video Solution**

Our End To End Expertise

Your End To End Solution

Belden Audio and Video Solution

Belden is the trusted brand in audio, video cabling and connectivity. The AV industry has come to rely on our proven track record of innovation, quality, and consistency. Belden upholds its reputation with warranties unmatched in the industry. Our product offering includes traditional audio and video, networking and fiber optic cable and connectivity. Whether integrating analog, digital, fiber transport, or IP-based systems, Belden can offer a solution for your installation needs. Our products are designed to support communications protocols like HDBaseT®, SDVoE, HDMI, and IEEE AVB/TSN. These products are locally available through one of our channel network's 1600 locations nationwide. Belden and our channel partners also offer a number of technical and value-added services to ensure the successful planning, deployment, and profitability of AV installations.



Faster.
Easier.
Better.

Belden Stadium BAV Solution

Next-generation sports and entertainment venues increase audience engagement, interaction and enjoyment – which means more profits for these facilities. Cutting-edge technology and communications immerse fans in a full experience – they get in on the action instead of watching from their seats. A robust, reliable, high-performance infrastructure supporting voice, live video production, data and mobile is what makes this all possible

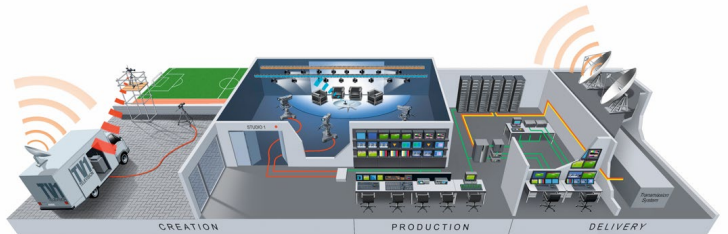


Product Image	Product Group	Product Category	Page	Production Center	Studio Room	News Room	Control Room	Outdoor Broadcast
	Coaxial Cable	4K 12G UDH Coax Cable	9	●	-	●	●	●
		Video Coax Cable	10	●	-	●	●	●
		50Ω Coax cable	15	-	-	-	-	-
	Camera Cable	SMPTE Camera Cable	16	●	-	●	-	●
		Triax Camera Cable	17	●	-	-	-	-
	Tactic Fiber	Tactical Fiber	18	-	-	-	-	●
	Media Automation and Lighting Control Solutions	Media Automation	25	-	-	-	-	-
		Lighting Control	25	-	-	-	-	-
	Audio Cable	Microphone Cable	19	●	-	●	●	●
		Audio Cable	20	●	-	●	●	●
	Audio & Video over IP	HDBaseT Systems	9	-	-	-	-	-
		CatSanke Cable	24	-	-	-	-	-
	Connectors	BNC Connector	14	●	-	-	●	●
		Transformer	28	-	-	-	-	-
	Patch Panels & Patch Cords	Video Patch Panel & Cords	27	-	-	-	●	●
		Audio Patch Panel & Cords	28	-	-	-	●	●
	Cable Assemblies	HDMI	29	●	-	-	●	●
		DVI	30	-	-	-	-	-
		VGA	30	-	-	-	●	●

●: Applicable

Belden TV Station BAV Solution

Broadcasting is highly rely on product performance and reliability. Imaging what damage of couple seconds signal interruption will cause. No matter in event like Olympic games or daily news. Belden could provide performance and reliability to ensure the signal transition.



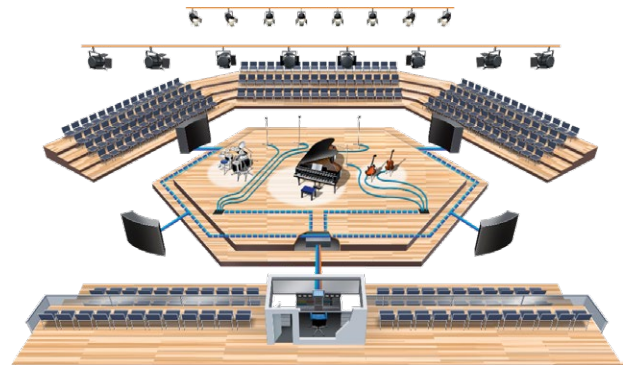
Product Image	Product Group	Product Category	Page	Production Center	Studio Room	News Room	Contro Room	Outdoor Broadcast
	Coaxial Cable	4K 12G UDH Coax Cable	9	●	●	-	●	●
		Video Coax Cable	10	●	●	-	●	●
		50Ω Coax cable	15	-	-	-	-	-
	Camera Cable	SMPTE Camera Cable	16	●	●	-	-	●
		Triax Camera Cable	17	●	●	-	-	-
	Tactic Fiber	Tactical Fiber	18	-	●	-	-	●
	Media Automation and Lighting Control Solutions	Media Automation	25	-	●	-	-	-
		Lighting Control	25	-	●	-	-	-
	Audio Cable	Microphone Cable	19	●	●	-	●	●
		Audio Cable	20	●	●	-	●	●
	Audio & Video over IP	HDBaseT Systems	9	-	●	-	-	-
		CatSanke Cable	24	●	●	-	-	-
	Connectors	BNC Connector	14	●	●	-	●	●
		Transformer	28	-	●	-	-	-
	Patch Panels & Patch Cords	Video Patch Panel & Cords	27	-	-	-	●	●
		Audio Patch Panel & Cords	28	-	-	-	●	●
	Cable Assemblies	HDMI	29	-	-	-	●	●
		DVI	30	-	-	-	-	-
		VGA	30	-	-	-	●	●

●: Applicable

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Belden Venue BAV Solution

Next-generation sports and entertainment venues increase audience engagement, interaction and enjoyment – which means more profits for these facilities. Cutting-edge technology and communications immerse fans in a full experience – they get in on the action instead of watching from their seats. A robust, reliable, high-performance infrastructure supporting voice, live video production, data and mobile is what makes this all possible



Product Image	Product Group	Product Category	Page	Production Center	Studio Room	News Room	Control Room	Outdoor Broadcast
	Coaxial Cable	4K 12G UDH Coax Cable	9	-	●	-	●	-
		Video Coax Cable	10	-	●	-	●	-
		50Ω Coax cable	15	-	-	-	-	-
	Camera Cable	SMPTE Camera Cable	16	-	●	-	-	-
		Triax Camera Cable	17	-	●	-	-	-
	Tactic Fiber	Tactical Fiber	18	-	-	-	-	-
	Media Automation and Lighting Control Solutions	Media Automation	25	-	●	-	-	-
		Lighting Control	25	-	●	-	-	-
	Audio Cable	Microphone Cable	19	-	●	-	●	-
		Audio Cable	20	-	●	-	●	-
	Audio & Video over IP	HDBaseT Systems	9	-	●	-	-	-
		CatSanke Cable	24	-	●	-	-	-
	Connectors	BNC Connector	14	-	●	-	●	-
		Transformer	28	-	●	-	-	-
	Patch Panels & Patch Cords	Video Patch Panel & Cords	27	-	●	-	●	-
		Audio Patch Panel & Cords	28	-	●	-	●	-
	Cable Assemblies	HDMI	29	-	●	-	●	-
		DVI	30	-	-	-	-	-
		VGA	30	-	●	-	●	-

●: Applicable

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Easier.
Better.

Belden 4K UHD Solution

12G-SDI Coax Cable and Connector

Belden 4K Ultra-High-Definition (UHD) Coax Cables for 12G-SDI coaxial solutions maximize 4K signal transmission distance on a single coax, minimizing weight and space utilization compared to dual- or quad-link configurations.



BENEFITS

- 12G-SDI cables offer a guaranteed 15 dB return loss limit from 4.5 to 12 GHz for 8-11 dB headroom against SMPTE limit
- Inner foil bonded to the core on 12G-SDI cables for easier installation with one-piece compression connectors



KEY APPLICATIONS

- SMPTE 2082-1 12G-SDI 4K D-Cinema, UHDTV1, UHDTV2
- SMPTE 2081-1 6G-SDI 4K D-Cinema, UHDTV1, UHDTV2
- Proven interoperability with leading chipset manufacturers

12G-SDI Coax Cable and Connector

Riser

Product Attributes

- Custom-drawn, solid silver-plated copper conductor
- New custom mixed formula for gas-injected foam high-density polyethylene insulation
- PVC jacket
- 75 Ω impedance
- UL rated for CMR
- C(UL) CMG FT4

Type	AWG	Shield	Nominal OD		Belden Part Number
			in	mm	
Mini RG-59	23	Foil + 95% TC Braid	0.16	4.04	4855R
RG-59	20	Foil + 95% TC Braid	0.23	5.92	4505R
RG-6	18	Foil + 95% TC Braid	0.27	6.96	4694R
RG-6	18	Dual 95% TC Braid	0.28	7.11	4694F
Series 7	16	Foil + 95% TC Braid + Foil*	0.32	8.13	4794R
RG-11	14	Foil + 95% TC Braid + Foil*	0.40	10.16	4731R

Also available in pre-terminated, custom assemblies.

Standard jacket colors: Black, Red, Orange, Green, Blue and Violet

*Outer foil bonded to jacket for easy stripping

Plenum

Product Attributes

- Custom-drawn, solid silver-plated copper conductor
- UL rated for CMP
- C(UL) CMP FT6

Type	AWG	Shield	Nominal OD		Belden Part Number
			in	mm	
Mini RG-59	23	Foil + 95% TC Braid	0.16	4.04	4855P
RG-6	18	Foil + 95% TC Braid	0.23	5.82	4694P
RG-11	14	Foil + 95% TC Braid + Foil	0.35	8.84	4731P

LSZH

Product Attributes

- Custom-drawn, solid silver-plated copper conductor
- LSZH material compliant with European standards applicable for indoor installation

Type	AWG	Shield	Nominal OD		Belden Part Number
			in	mm	
Mini RG-59	23	Foil + 95% TC Braid	0.16	4.04	4855ANH
RG-59	20	Foil + 95% TC Braid	0.24	5.99	4505ANH
RG-6	18	Foil + 95% TC Braid	0.27	6.96	4694ANH
Series 7	16	Foil + 95% TC Braid + Foil	0.32	8.13	4794ANH


12G-SDI Coax Connector

Cable Description	AWG	Belden Part Number												
		Cable				1-Piece Compression			3-Piece Crimp					
		Riser	Plenum	CM	LSZH-CPR	BNC Connector	Compression Tool	Strip Tool	BNC Connector	Crimp Tool	Strip Tool	HD-BNC Connector	Crimp Tool	Strip Tool
Mini RG-59	23	4855R	4855P	-	4855ANH	4855RBUHD1		PS59/6/RGB	4855RBUHD3			A4505RHUHD3S01		
RG-59	20	4505R	4505P	-	4505ANH	4505RBUHD1	CPLCRBC-BR		4505RBUHD3	BB3PHCT	BB3PST	A4694RHUHD3S01		AP105210; Die AP105243
RG-6	18	4694R	4694P	4694F	4694ANH	4694RBUHD1		PSA/59/6	4694RBUHD3			A4794RHUHD3S01		AP105210; Die AP105242
Series 7	16	4794R	-	-	4794ANH	4794RBUHD1	CPLCRBC1794	PS11	4794RBUHD3	KTH-1000*; Die KTH-2010*	-	A4855RHUHD3S01		AP105210; Die AP105241
RG-11	14	4731R	4731P	-	-	-	-	-	4731RBUHD3	KTH-1000*; Die KTH-2041*	-	4731RBUHD3	-	AP105210; Die AP105244


* Kings-WIN® Brand

4K Video Patch Panel

- 75 Ohm, High Frequency Dual Coaxial
- 12G-SDI, SMPTE ST 2082-1 Compliant
- Normal-Terminated
- 32 channels in 1RU
- Mini Video Plug + BNC interface
- 20,000 insertion/withdrawal cycles on individual jack

	Description	Belden Part Number
	4K Video Patch Panel, Dual 32-port, 1U, Black	VP12GNT1032

4K Video Patch Cord

	Description	Length	Belden Part Number
	Micro Video Patch cord, 4K, 2Feet	2 Feet	VPC4KMM02F
	Micro Video Patch cord, 4K, 3Feet	3 Feet	VPC4KMM03F
	Micro Video Patch cord, 4K, 5Feet	5 Feet	VPC4KMM05F

Faster.
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4K Ultra-High-Definition Media Cable (IP Based)

Belden 4K UHD Media Cables were designed specifically for optimal performance in 4K HDBaseT[®] transmission. These shielded cables deliver 4K content over 100 meters in a unique, small, sleek design. Combined with either standard field-mount plugs or Belden's new REVConnect connectivity system, it is the easiest to install, most reliable HDBaseT[®] cabling solution available!



For maximum transmission distance use Belden 4K UHD Media Patch Cords made with 2183R cable. Testing in Belden labs has proven that to maximize channel reach, patch cords must have the same insertion loss and other characteristics as the horizontal cable. Special lengths and colors available upon request.



	Description	Nom. Diameter		Bend Radius		Flame Rating	Belden Part Number		
		Inches	mm	Inches	mm		Blue	White	Black
	Plenum, 4pr 23AWG F/UTP, Reel-in-a-box	0.27	6.6	1.0	25.4	FT6	2183P D15A1000	2183P 009A1000	2183P 010A1000
	Plenum, 4pr 23AWG F/UTP, Reel-in-a-box	0.26	6.6	1.0	25.4	FT6	-	-	2183P 010A250
	Plenum, 4pr 23AWG F/UTP, Reel	0.26	6.6	1.0	25.4	FT6	-	-	2183P 0101000
	Riser, 4pr 23AWG F/UTP, Reel-in-a-box	0.29	7.4	1.2	30.5	FT4	2183R 006A1000	2183R 009A1000	2183R 010A1000
	Riser, 4pr 23AWG F/UTP, Reel	0.29	7.4	1.2	30.5	FT4	-	-	2183R 0101000


Custom colors available upon request, subject to minimum order quantity. Conductor color code: White/Blue and Blue, White/Orange and Orange, White/Green and Green, White/Brown and Brown.

4K UHD Media Patch Cords for HDBaseT[®]

Example: AV2183R100005 (2183R cable, RJ45 on each end, CMR rated, black, 5 foot)

Part number example from configuration shown below:


AV2183R100005

	AV2183R1		00		005
	Prefix		Color Code		Length (ft)
	AV2183R1	4K UHD Media Cable - HDBaseT [®] , CMR	00	Black	002
			06	Blue	003
			09	White	005

REVConnect Shielded Jacks and Plugs

	Package Size	Shielded Jacks	Shielded Plugs
	Single Pack	RVAMJKSME-S1	RVAFPSME-S1
Bulk Pack (24 Modules)	RVAMJKSME-B24	RVAFPSME-B24	

REVConnect Tools and Accessories

	Universal Termination Tool	Tool Spare Blade Set	Cable Prep Tool Replacement	Tool Belt Clip	Dust Caps for Jacks	Icons for Jacks	Bulk Pack of REVConnect Cores
	RVUTT01	RVUTB01	RVUCT01	RVUTC01	RVUDCXX-B24	RVUICXX-B24	RVUC0EW-B50
Includes tool, cable prep insert and spare blade set	Optional extra set of blades with Allen key included	Optional cable prep tool replacement insert	Optional belt clip for universal tool	Optional dust caps for all jacks; XX is color code, pack of 24	Optional icons for all jacks; XX is color code, pack of 24	Bulk pack of 50 cable managers and caps	

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

75 Ohm Coax Cable

75 Ohm Video Coax Cable

Belden has set the worldwide broadcast cable standard for decades, getting its start with the award-winning digital precision video coax line in 1995. Our 75 Ohm Coax Cables handle frequencies from 12 GHz to 3 GHz, ensuring reliable signal integrity and exceptional broadcast quality in high-resolution applications. Designed to carry audio and video signals through the cable in the most efficient way possible, they lose very little signal strength along the way.



75 Ohm 12G-SDI Video Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m

Silver-Plated Copper Conductor/PE Insulation/Shielding/PVC Jacket

	Mini RG-59	4855R	CMR CMG FT4	23	Solid	Foil + TC Brd	4.0	25.3	64.6	82%	53.5	3000	62.3	
													6000	77.4
														12000
	RG-59	4505R	CMR CMG FT4	20	Solid	Foil + TC Brd	5.9	46.1	33.5	83%	52.8	3000	44.0	
													6000	64.6
														12000
	RG-6	4694R	CMR CMG FT4	18	Solid	Foil + TC Brd	7.0	61.0	21.0	85%	52.2	3000	34.8	
													6000	50.9
														12000
	Series 7	4794R	CMR CMG FT4	16	Solid	Foil + TC Brd + Foil	8.1	83.3	13.1	85%	52.5	3000	27.8	
													6000	40.9
														12000
	RG-11	4731R	CMR CMG FT4	14	Solid	Foil + TC Brd + Foil	10.2	129.5	8.2	85%	50.9	3000	23.2	
													6000	34.3
														12000

Silver-Plated Copper Conductor/FEP Insulation/Shielding/PVC Jacket





	RG-6	4694P	CMP	18	Solid	Foil + TC Brd	5.8	61.0	20.7	83%	53.2	3000	46.3
												6000	70.6
													12000

Silver-Plated Copper Conductor/PE Insulation/Shielding/LSZH Jacket

	Mini RG-59	4855ANH	LSZH	23	Solid	Foil + TC Brd	4.0	25.3	64.6	82%	53.5	3000	62.3	
													6000	90.9
														12000
	RG-59	4505ANH	LSZH	20	Solid	Foil + TC Brd	6.0	46.1	33.5	83%	52.8	3000	44.0	
													6000	64.6
														12000
	RG-6	4694ANH	LSZH	18	Solid	Foil + TC Brd	7.0	61.0	21.0	85%	52.2	3000	34.8	
													6000	50.9
														12000
	Series 7	4794ANH	LSZH	16	Solid	Foil + TC Brd + Foil	8.1	83.3	13.1	85%	52.5	3000	27.8	
													6000	40.9
														12000

Faster.
Easier.
Better.

75 Ohm 6G-SDI Video Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation				
												MHz	dB/100m			
	Ultra-miniature RG-179	179DT	CMR CMG FT4*	28.5	Solid	Foil + TC Brd	2.5	11.9	231.3	79%	57.1	1000	66.3			
												3000	117.8			
												6000	190.3			
	Mini RG-59	1855A		CMR CMG FT4*	23	Solid	Foil + TC Brd	4.0	25.3	65.9	82%	53.5	1000	35.7		
													3000	64.5		
													6000	94.5		
	RG-59	1505A			CMR CMG FT4*	20	Solid	Foil + TC Brd	5.9	46.1	32.8	82%	53.5	1000	24.9	
														3000	45.9	
														6000	69.2	
	RG-59	1505F				CMR CMG FT4*	22	Stranded	Double TC Brd	6.2	62.5	40.0	80%	55.8	1000	35.4
															3000	67.9
															6000	105.6
	RG-6	1694A	CMR CMG FT4*				18	Solid	Foil + TC Brd	7.0	61.0	21.0	82%	53.2	1000	20.7
															3000	37.7
															6000	58.1
	RG-6	1694F		CMR CMG FT4*			19	Stranded	Double TC Brd	7.0	74.4	27.9	80%	55.8	1000	27.6
															3000	52.2
															6000	94.1
	Series 7	1794A			CMR CMG FT4*		16	Solid	Foil + TC Brd + Foil	8.1	87.8	13.1	84%	52.8	1000	16.4
															3000	30.2
															6000	45.2
	RG-11	7731A				CMR CMG FT4*	14	Solid	Foil + TC Brd	10.2	129.5	8.2	84%	53.2	1000	13.5
															3000	25.0
															6000	37.8


*1855A, 1505A, 1694A, 7731A only

Bare Copper Conductor/FEP Insulation/Shielding/PVC Jacket*




	Mini RG-59	1855P	CMP FT6	23	Solid	Foil + TC Brd	4.0	31.2	65.9	80%	54.5	1000	40.7
												3000	78.1
												6000	120.1
	RG-59	1506A	CMP FT6	20	Solid	Foil + TC Brd	5.0	43.2	32.8	84%	52.8	1000	30.8
												3000	56.5
												6000	85.0
	RG-6	1695A	CMP FT6	18	Solid	Foil + TC Brd	5.8	61.0	21.0	83%	53.2	1000	24.3
												3000	47.9
												6000	73.5
	RG-11	7732A*	CMP FT6	14	Solid	Foil + TC Brd	8.8	123.5	8.2	83%	53.5	1000	17.8
												3000	37.0
												6000	58.6

*7732A with PVDF (Polyvinylidene Fluoride) Jacket




Bare Copper Conductor/PE Insulation/Shielding/LSZH Jacket

	RG-59	1505ANH	LSZH	20	Solid	Foil + TC Brd	5.9	46.1	32.0	83%	53.0	1000	24.9
												3000	45.9
												6000	69.2
	RG-6	1694ANH	LSZH	18	Solid	Foil + TC Brd	6.7	59.6	21.0	82%	53.0	1000	20.7
												3000	37.7
												6000	58.1




75 Ohm 4.5G-SDI Video Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	Ultra-miniature RG-179	179DTNH	LSZH	28.5	Solid	Foil + TC Brd	2.7	11.9	231.3	79%	55.8	1000	66.3
												3000	117.8
												4500	147.6
	Mini RG-59	1855ENH	LSZH	22	Solid	Foil + TC Brd	4.5	27.0	55.0	84%	53.0	1000	31.3
												3000	56.1
												4500	70.2
	Mini RG-59	1855DNH	LSZH	22	Solid	Foil + TC Brd + Foil	4.5	25.0	55.0	84%	53.0	1000	31.3
												3000	56.1
												4500	70.2

75 Ohm 3.0G-SDI Coax Cable



Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	Sub-miniature RG-59	1371R	CMR	23	Solid	Foil + TC Brd	4.1	23.1	65.9	82%	53.5	1000	34.5
												3000	60.7
												1000	24.9
	RG-59	1370R	CMR	20	Solid	Foil + TC Brd	5.1	32.7	33.1	84%	54.5	3000	44.0
												1000	21.1
												3000	38.7
	RG-6	1369R	CMR	18	Solid	Foil + TC Brd	6.0	43.2	21.0	84%	54.5	1000	21.1
												3000	38.7
												1000	21.1

Bare Copper Conductor/FEP Insulation/Shielding/PVC Jacket

	Mini RG-59	1371P	CMP FT6	23	Solid	Foil + TC Brd	4.1	28.3	65.9	80%	54.5	1000	40.7
												3000	78.1
												1000	30.8
	RG-59	1370P	CMP FT6	20	Solid	Foil + TC Brd	4.9	35.7	33.1	84%	52.8	3000	71.9
												1000	24.0
												3000	44.9
	RG-6	1369P	CMP FT6	18	Solid	Foil + TC Brd	5.9	49.8	21.0	83%	53.5	1000	24.0
												3000	44.9
												1000	24.0


75 Ohm Water-Blocking Video Coax Cable

Water-Blocking 6G-SDI Coax Video Cable


Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	RG-6	1694RW	CMR	18	Solid	Foil + TC Brd	7.0	53.6	21.0	82%	53.2	1000	20.7
												3000	37.7
												6000	58.1
	RG-11	7731RW	CMR	14	Solid	Foil + TC Brd	10.2	126.5	8.2	85%	52.5	1000	13.5
												3000	25.0
												6000	37.8

Faster.
Easier.
Better.


Water-Blocking 4.5G-SDI Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	RG-6	1694WB	Water Blocking	18	Solid	Foil + TC Brd	7.0	53.6	21.0	82%	53.2	1000	20.7
												3000	37.7
												4500	47.6
	RG-11	7731WB		14	Solid	Foil + TC Brd	10.2	122.0	8.2	85%	52.5	1000	13.5
												3000	25.0
												4500	31.4

75 Ohm Analog Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	RG-59	8241	CM	23	Solid	BC Brd	6.1	55.1	160.8	66%	66.9	1000	39.4
	RG-59	8241F	-	22	Stranded	BC Brd	6.1	49.1	49.2	78%	56.8	1000	35.8

Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket

	RG-6	9248	CM	18	Solid	Foil + TC Brd	6.9	52.1	21.0	82%	53.2	1000	21.3
	RG-11	9292	-	14	Solid	Foil + TC Brd	10.3	101.2	8.2	84%	52.8	1000	14.1

75 Ohm CATV Coax Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
	RG-59	9104	CM-CATV	20	Solid	Foil + AL Brd	6.0	34.2	146.0	83%	53.2	1000	26.6
	RG-6	9116	CM-CATV	18	Solid	Foil + AL Brd	6.9	40.2	91.9	83%	53.2	1000	21.5
	RG-11	1523A	CM-CATV	14	Solid	Foil + AL Brd	10.0	83.3	39.4	83%	53.5	1000	14.3
	RG-6	9116P	CMP-CATV	18	Solid	Foil + AL Brd	6.0	37.2	91.9	83%	53.5	1000	24.9
	RG-11	1523AP*	CMP-CATV	14	Solid	Foil + AL Brd	8.8	84.8	39.4	83%	53.5	1000	21.4


*1523AP with PVDF (Polyvinylidene Fluoride) Jacket

75 Ohm Coax Connector


4K 12G BNC Connector

Primary Image	Type	Connector	Compatible Cables				Compression tool	Strip tool
			Riser	Plenum	Flexible	LSZH-CPR		
	3-Piece Crimp	4855RBUHD3	4855R	4855P	-	-	BB3PHCT	BB3PST
		4505RBUHD3	4505R	4505P	-	4505ANH		
		4694RBUHD3	4694R	4694P	4694F	4694ANH		
		4794RBUHD3	4794R	-	-	-		
	1-Piece Crimp	4855RBUHD1	4855R	4855P	-	-	CPLCRBC-BR	PS59/6/RGB
		4505RBUHD1	4505R	4505P	-	4505ANH	CPLCRBC-BR	PSA59/6
		4694RBUHD1	4694R	4694P	4694F	4694ANH		
		4794RBUHD1	4794R	-	-	-	CPLCRBC1794	PS-11


4K 12G HD BNC Connector

Primary Image	Type	Connector	Compatible Cables				Crimper	Die
			Riser	Plenum	Flexible	LSZH-CPR		
	3-Piece Crimp	A4505RHUHD3S01	4505R	4505P	-	4505ANH	AP105210	AP105242
		A4694RHUHD3S01	4684R	4694P	4694F	4694ANH		AP105241
		A4794RHUHD3S01	4794R	-	-	-		AP105244
		A4855RHUHD3S01	4855R	4855P	-	-		AP105243


HD-SDI BNC Connector

Primary Image	Type	Connector	Compatible Cables				Compression tool	Strip tool
			Riser	Plenum	Flexible	LSZH-CPR		
	3-Piece Crimp	179DTBHD3	179DT	-	-	179DTNH	BB3PHCT	BB3PST
		1855ABHD3	1855A	1855P	-	-		
		1505ABHD3	1505A	-	1505F	-		
		1694ABHD3	1694A	-	1694F	1694SB		
	1-Piece Crimp	179DTBHD1	179DT	-	-	179DTNH	CPLCRBC-BR	PS59/6/RGB
		1855ABHD1	1855A	1855P	-	-		
		1505ABHD1	1505A	-	1505F	-	CPLCRBC-BR	PSA59/6
		1694ABHD1	1694A	-	1694F	1694SB		
		1794ANHD1	1794A	-	-	-	CPLCRBC1794	PS-11

HD-SDI Mini BNC Connector

Primary Image	Connector	Compatible Cables				Crimper	Die	Strip Tool	Cuter
		Riser	Plenum	Flexible	LSZH-CPR				
	A1855AMHD3	1855A	-	-	-	AP105210	AP105211	AP105211	AP105230
	A1505AMHD3	1505A	-	1505F	-		AP105213	AP105223	
	A1694AMHD3	1694A	-	1694F	-		AP105212	AP105222	

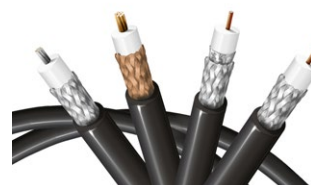
HD-SDI Mini DIN Connector

Primary Image	Connector	Compatible Cables				Crimper	Die	Strip Tool	Cuter
		Riser	Plenum	Flexible	LSZH-CPR				
	A1855ADHD3	1855A	-	-	-	AP105210	AP105211	AP105211	AP105230
	A1505ADHD3	1505A	-	1505F	-		AP105213	AP105223	
	A1694ADHD3	1694A	-	1694F	-		AP105212	AP105222	

Faster.
Easier.
Better.

50 Ohm Coax Cable

Belden has set the worldwide broadcast cable standard for decades, getting its start with the award-winning digital precision video coax line in 1995. Our 50 Ohm Coax Cables offer excellent performance across longer distances as they carry power and voltage signals. Designed to make certain that data signals travel through the cable in the most efficient way possible, they can maintain signal strength while also ensuring reliable integrity and exceptional quality.



6G-SDI Coax RF Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-58	7806A	-	19	Solid	Foil + TC Brd	5.0	34.2	24.9	77%	79.7	3000	67.3
												6000	105.0
Bare Copper Conductor/PE Insulation/Shielding/PE Jacket													
	RG-8X	7808A	-	15	Solid	Foil + TC Brd	6.1	52.1	10.5	86%	75.5	3000	44.0
												6000	65.0
Bare Copper Covered Steel Conductor/PE Insulation/Shielding/PE Jacket													
	RG-8	7810A	-	10	Solid	Foil + TC Brd	10.2	104.2	4.3	86%	75.4	3000	24.6
												6000	37.4

1G-SDI Coax RF Cable

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Conductor	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Velocity	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
												MHz	dB/100m
Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-58	8240	CMX	20	Solid	TC Brd	4.9	38.7	30.8	66%	93.5	1000	47.6
Tinned Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-58	8219	CM	20	Stranded	TC Brd	4.9	38.7	28.9	76%	85.3	1000	59.4
Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-8	9258	CM	16	Stranded	BC Brd	6.2	53.6	13.5	82%	81.4	1000	36.7
Bare Copper Covered Steel Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-174	8216	-	26	Stranded	TC Brd	2.8	11.9	318.2	66%	101.1	1000	111.6
Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket*													
	RG-58	9201	-	20	Solid	BC Brd	4.9	34.2	32.8	86%	93.5	1000	47.6
*Norm. Impedance 52 Ohm													
Tinned Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-58	8259	-	20	Stranded	TC Brd	4.9	37.2	31.8	66%	101.1	1000	74.8
Bare Copper Conductor/PE Insulation/Shielding/PVC Jacket													
	RG-8	9913	-	10	Solid	Foil + TC Brd	10.3	132.4	3.0	84%	80.7	1000	14.4
Bare Copper Conductor/FEP Insulation/Shielding/FEP Jacket													
	RG-58	88240	CMP-NFPA 262	20	Solid	TC Brd	4.0	38.7	33.1	70%	89.9	1000	56.8
Bare Copper Conductor/FEP Insulation/Shielding/PVDF Jacket													
	RG-8	7733A	CMP-CL2P	10	Solid	Foil + TC Brd	9.0	148.8	3.0	84%	80.1	1000	19.4

Camera Cable

SMPTE Camera Cable

When uncompressed high-definition cameras arrived in the broadcast facility, it was soon realized that copper cables could not carry these HD signals as far as their triax and coax predecessors. Even the largest coax can only go 1,000 feet or so when carrying HD-SDI video and many sports venues and similar large facilities need longer distances. SMPTE 311M is the solution that filled that requirement.



Designed for high-definition (HD) cameras, these composite cables can multiplex audio signals and video signals and deliver power.

Tester for SMPTE Camera Cable

SMPTE-304TS is compatible with all SMPTE 304 standard connectors and tests both electrical and optical circuits while the intuitive display graphically depicts which contact is defective or pinned out incorrectly, ultimately saving you time and money. The tester unit includes one metering unit and one optical source unit.



Standard SMPTE 311M

Technical Drawing	Type	Part No.	Compliance	Copper Part (AWG)	Fiber Part	Shielding	Outer Jacket	Norm. OD (mm)	Bulk Weight (kg/km)
	Standard SMPTE 311M	7804SN	-	4#20 + 2#24	2F, SM	TC Brd	PVC	9.2	130.8
	Standard SMPTE 311M	7804LW	VW-1	4#20 + 2#24	2F, OS2	TC Brd	PVC	9.1	133.9
	Standard SMPTE 311M	7804R	CMR.CMG.FT4	4#20 + 2#24	2F, OS2	TC Brd	PVC	9.1	119.0
	Standard SMPTE 311M	7804P	CMP.CMP.FT6	4#20 + 2#24	2F, OS2	TC Brd	PVC	6.6	92.3

- For general use
- Cover VW-1, CMG, CMP rating
- Cost effective

SMPTE 311M for Special Applications

Technical Drawing	Type	Part No.	Compliance	Copper Part (AWG)	Fiber Part	Shielding	Outer Jacket	Norm. OD (mm)	Bulk Weight (kg/km)
	Heavy Gauge SMPTE 311M	7804C	CMR.CMG	4#16 + 2#24	2F, OS2	TC Brd	PVC	9.2	121.0
	12mm Double Jacket Studio SMPTE 311M	7817A	VW-1	4#20 + 2#24	2F, OS2	TC Brd	PVC	12.0	160.7
	Outdoor Harsh Environment 311M	7818A	-	4#20 + 2#24	2F, OS2	TC Brd	PUR	9.1	102.7

- 7804C, heavy gauge, bigger power
- 7817A, 12mm double jacket, for studio use
- 7818A, PUR jacket, for outdoor use

Water Block SMPTE 311M

Technical Drawing	Type	Part No.	Compliance	Copper Part (AWG)	Fiber Part	Shielding	Outer Jacket	Norm. OD (mm)	Bulk Weight (kg/km)
	Standard SMPTE 311M	7804WB	Waterblock	4#20 + 2#24	2F, OS2	TC Brd	PE	9.1	119.0
	Standard SMPTE 311M	2804RW	Waterblock,CMR	4#20 + 2#24	2F, OS2	TC Brd	CPE	9.1	144.3

- 7804WB, water block
- 2804RW, water block, CPE jacket, for Stadium use (indoor/outdoor)

3 Channel Stadium SMPTE 311M


Technical Drawing	Type	Part No.	Compliance	Copper Part (AWG)	Fiber Part	Shielding	Outer Jacket	Norm. OD (mm)	Bulk Weight (kg/km)
	3-Channel SMPTE Stadium Cable	7824R	CMR.CMG.FT4	6#18 + 6#24	6F, OS2	OS	PVC	13.3	239.6
	3-Channel SMPTE Stadium Cable	7824P	CMP.CMP	6#18 + 6#24	6F, OS2	OS	PVDF	14.1	287.2
	3-Channel SMPTE Stadium Cable	7824WB	Waterblock	6#18 + 6#24	6F, OS2	-	PO	13.8	196.4
	3-Channel SMPTE Stadium Cable	2824RW	Waterblock,CMR	6#18 + 6#24	6F, OS2	OS	CPE	14.1	199.4

- For multiple channels use
- Space saving

Faster.
Easier.
Better.

Triax Camera Cable

If you are in the market for a cable that provides more bandwidth and rejection of interference than traditional coax, our triaxial cables can do the job. Belden has the most comprehensive offering ranging from 12 to 22AWG used for flexible or permanent installs (direct burial, riser, plenum). Common applications include analog video cameras in the broadcast and television industry.

Primary Image	Type	Part No.	Compliance	Conductor Size (AWG)	Strands of Cond.	Cond. Material	Shielding	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. Cond. DCR (Ohm/km)	Norm. Inner Shield DCR (Ohm/km)	Norm. Outer Shield DCR (Ohm/km)	Norm. Cap. Cond-Shield (pF/m)	Norm. Attenuation	
														MHz	dB/100m
	RG-59	8232	-	20	Solid	BC	Double BC Brd	8.0	81.8	32.8	8.2	9.2	53.2	1000	27.2
														3000	52.2
	RG-59	1856A	-	20	Solid	BC	Double BC Brd	9.1	113.1	33.1	8.2	5.2	53.2	1000	28.9
														3000	66.9
	RG-59, Flexible	1857A	-	22	Stranded	BC	Double BC Brd	9.1	116.0	45.9	8.2	5.2	55.8	1000	33.1
														3000	70.2
	RG-59	8232A	CMG CMR	20	Solid	BC	Double BC Brd	8.0	93.7	32.8	8.2	9.2	53.2	1000	27.2
														3000	52.2
	RG-59	2232RW	CMR	20	Solid	BC	Double BC Brd	8.6	99.7	32.8	8.2	9.2	53.5	1000	27.2
														3000	52.2
														4500	65.6
	RG-11	1858A	-	15	Stranded	BC	Double BC Brd	13.2	218.7	10.2	5.9	4.6	56.8	1000	18.7
RG-11	8233A	CMG CMR	14	Solid	BC	Double BC Brd	12.1	186.0	8.5	5.5	4.9	52.8	1000	15.1	
													3000	29.5	
													4500	41.0	
RG-11	7803A	-	14	Solid	BC	Double BC Brd	12.1	168.1	8.2	5.2	4.6	52.8	1000	15.1	
													3000	41.0	
RG-11	8233WB	CMG FT1	14	Solid	BC	Double BC Brd	12.1	193.4	8.5	5.6	4.9	52.8	1000	15.1	
													3000	29.5	
													4500	41.0	
RG-11	2233RW	CMR	14	Solid	BC	Double BC Brd	12.1	186.0	8.5	5.6	4.9	52.8	1000	15.1	
													3000	29.5	
													4500	41.0	
Triax 8/11/14	7784AS	-	15	Solid	SC	Double BC Brd	11.2	135.0	11.0	9.0	7.0	55.0	1000	18.0	
													136.0	34.0	
Triax 8/11/14, Flexible	7784AF	-	15	Stranded	SC	SC Brd	11.3	136.0	14.0	9.0	7.0	54.0	750	56.1	
Triax 8/11/14	7784E	-	15	Solid	BC	Double BC Brd	11.0	144.0	11.2	6.5	7.0	55.0	1000	18.2	
													82.0	35.1	
Triax 8/11/14, Flexible	7785A	-	12	Stranded	SC	SC Brd	14.5	237.0	5.7	21.0	13.5	55.0	1000	46.9	
Triax 8/11/14, Flexible	7783AF	-	14	Stranded	SC	SC Brd	8.4	82.0	32.0	45.9	29.5	52.0	300	45.3	

Tactical Fiber

- Fast Field Termination: 900 µm tight buffered fibers make termination simpler
- Ideal for Outdoor Applications: Features a UV-resistant jacket
- Rugged Construction: Superior level of crush resistance and repeat-use resistance

Tactical Fiber Cable





Description	Belden Part Number								
	Cable			FX Brilliance Universal Connectivity					
	PUR	PUR, Core Bonded	PUR, Core Bonded	LC with 900 micron boot			SC with 900 micron boot		
	Outdoor	Outdoor	Heavy Duty	OS2	OM3	OM4	OS2	OM3	OM4
4 Fiber Tight Buffer	GNMTx04	GMTTx04	GMRTx04						
6 Fiber Tight Buffer	GNMTx06	GMTTx06	GMRTx06						
8 Fiber Tight Buffer	GNMTx08	GMTTx08	GMRTx08	AX105203-B25	AX105202-B25	AX105252-B25	AX105208-B25	AX105207-B25	AX105253-B25
12 Fiber Tight Buffer	GNMTx12	GMTTx12	GMRTx12						
24 Fiber Tight Buffer	GNMTx24	GMTTx24	GMRTx24						

Where x is replaced by:

OS2	OM3	OM4
A	D	E

Audio Cable

Microphone Cable

Primary Image	Type	Part No.	Compliance	No. of Cond.	Cond. Size (AWG)	Cond. Material	Insul. Material	Shielding	Jkt. Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR (Ohm/km)	Norm. Cap. Cond-Shield (pF/m)
	Starquad	1804A	-	4 C	28	SC	PP	TC Brd	PVC	2.9	13.4	213.3	196.9
		1172A	-		26	BC	PE	TC Brd	PVC	4.8	37.2	118.1	128.6
		1192A	-		24	BC	PE	TC Brd	PVC	6.2	49.1	87.3	128.9
		8404	-		20	TC	PE	TC Brd	PVC	6.4	68.4	33.5	75.5
		8424	-		20	TC	EPDM	TC Brd	EPDM	7.5	90.8	33.5	154.2
		8407	-		16	TC	EPDM	TC Brd	CPE	10.6	165.2	13.1	98.4
	Digital, Low Capacitance	2221	-	1 Pr	26	BC	Foam PE	TC Brd	PVC	4.32	24.6	118.1	42.7
		1800F	CMR		24	BC	PE	TC Brd	PVC	5.4	35.7	77.8	85.3
	Rugged	8413	-	2 C	24	TC	EPDM	TC Brd	EPDM	5.1	37.2	94.2	180.5
		9399	-		24	BCA	EPDM	TC Brd	EPDM	5.1	37.2	94.2	180.5
		8412	-		20	TC	EPDM	TC Brd	EPDM	6.7	65.5	34.8	190.2
		1776	-		20	TC	EPDM	TC Brd	EPDM	6.7	65.5	37.7	190.2
		8402	-		20	TC	EPDM	TC Brd	EPDM	6.7	65.5	37.7	190.2
		8428	-		20	TC	EPDM	TC Brd	CSPE	6.7	74.4	33.5	180.4
		8408	-		16	TC	EPDM	TC Brd	CSPE	9.7	138.4	13.1	180.4
	Three Conductor	9398	-	3 C	24	BC	PVC	TC Brd	PVC	4.7	34.2	73.5	360.8
		8406	-		24	TCA	EPDM	TC Brd	EPDM	5.7	49.1	94.1	180.4
		8403	-		20	TC	PE	TC Brd	PVC	6.2	165.2	33.5	147.7
		8423	-		20	TC	EPDM	TC Brd	EPDM	6.9	130.9	33.5	180.4

Analog Audio Cable

24 AWG Stranded Tinned Copper Conductor, PP Insulation, Individual Pair Foil Shielded and PVC Jacketed, Overall Foil Shield, PVC Outer Jacket



Individual Pair Specification	
Approvals	
NEC	CM
CEC	CM
Nominal DCR	
Conductor	76.4 Ohm/km
Nominal Capacitance	
Conductor-Conductor	101.7 pF/m
Conductor-Shield	190.2 pF/m

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
1509C	2	7.6	62.5
1510C	4	8.9	96.7
1511C	6	10.6	139.9
1512C	8	11.5	174.1
1513C	12	14.2	241.1
1514C	16	16.0	334.8
1515C	20	18.0	392.8
1516C	24	20.5	489.6
1518C	32	22.8	656.2

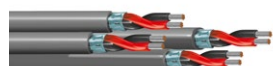
22 AWG Stranded Tinned Copper Conductor, PP Insulation, Individual Pair Foil Shielded and PVC Jacketed, Overall Foil Shield, PVC Outer Jacket



Individual Pair Specification	
Approvals	
NEC	CMR
CEC	CMG, FT4
Nominal DCR	
Conductor	52.5 Ohm/km
Nominal Capacitance	
Conductor-Conductor	101.7 pF/m
Conductor-Shield	183.7 pF/m

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
1814R	2	8.4	80.4
1815R	4	9.8	125.0
1816R	6	11.7	178.6
1817R	8	12.8	215.8
1818R	12	16.1	334.8
1819R	16	19.7	504.4
1821R	24	24.6	711.3
1823R	32	27.2	930.0

Unjacketed Banana Peel, 22 AWG Stranded Tinned Copper Conductor, FEP Insulation, Individual Pair Foil Shielded and LSPVC Jacketed



Individual Pair Specification	
Approvals	
NEC	CMP
CEC	CMP, FT6
Nominal DCR	
Conductor	46.3 Ohm/km
Nominal Capacitance	
Conductor-Conductor	114.8 pF/m
Conductor-Shield	219.8 pF/m

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
9451PS4	4	3.2	89.3
9451PS6	6	9.7	130.9

Waterblocked, 22 AWG Stranded Tinned Copper Conductor, FEP Insulation, Individual Pair Foil Shielded and PVC Jacketed, Overall Foil Shield, PE Outer Jacket



Individual Pair Specification	
Approvals	
NEC	CMR
CEC	CMR
Nominal DCR	
Conductor	46.3 Ohm/km
Nominal Capacitance	
Conductor-Conductor	101.7 pF/m
Conductor-Shield	183.7 pF/m

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
1814WB	2	9.2	77.4
1815WB	4	10.6	128.0
1816WB	6	11.9	162.2
1817WB	8	13.6	223.2
1818WB	12	16.9	334.8

Faster.
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Digital Audio Cable

26 AWG/24 AWG Stranded Tinned Copper Conductor, Foam PE Insulation, Individual Pair Foil Shielded and PVC Jacketed, Overall Foil Shield, PVC Outer Jacket



Individual Pair Specification

Approvals	
NEC	CMG
CEC	CMG, FT4
Nominal DCR (26 AWG)	
Conductor	122.3 Ohm/km
Nominal DCR (24 AWG)	
Conductor	77.7 Ohm/km
Nominal Capacitance (26 AWG)	
Conductor-Conductor	39.4 pF/m
Conductor-Shield	82.0 pF/m
Nominal Capacitance (24 AWG)	
Conductor-Conductor	39.4 pF/m
Conductor-Shield	85.3 pF/m

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
26 AWG			
7890A	4	10.1	77.4
7880A	8	13.7	148.8
7892A	12	17.2	223.2
7893A	16	19.6	294.6
24 AWG			
1802F	2	10.4	102.7
1803F	4	12.4	148.8
1805F	8	16.8	290.2
1806F	12	21.1	428.5
1850F	16	24.0	546.1
1852F	24	30.7	830.3
1854F	32	30.7	1116.2

24 AWG Stranded Tinned Copper Conductor, Foam PE Insulation, Overall Foil Shield, PVC Jacket



Individual Pair Specification

Approvals	
NEC	CMR
CEC	CMR, FT4
Nominal DCR	
Conductor	77.7 Ohm/km
Nominal Capacitance	
Conductor-Conductor	39.4 pF/m
Conductor-Shield	85.3 pF/m

*1802B – Parallel Construction

Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
1800B	1	4.7	23.8
1802B*	2	4.5 x 9.1	49.1

24 AWG Stranded Tinned Copper Conductor, FEP Insulation, Individual Pair Foil Shielded, LSPVC Jacket



Individual Pair Specification

Approvals	
NEC	CMP
CEC	CMP, FT6
Nominal DCR	
Conductor	77.7 Ohm/km
Nominal Capacitance	
Conductor-Conductor	39.4 pF/m
Conductor-Shield	85.3 pF/m

*This cable is constructed in parallel

**This cable is constructed in Unjacketed Banana Peel


Part No.	No. of Pairs	Norm. OD (mm)	Bulk Weight (kg/km)
1801B	1	4.2	17.9
1801BD*	2	4.2 x 8.7	38.7
1801BS4**	4	10.1	83.3
1801BS6**	6	12.3	119.0

Other Digital Audio Cable

Primary Image	Part No.	Compliance	No. of Pairs	Cond. Size (AWG)	Insulation Material	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)	Norm. Cap. Cond to Cond (pF/m)
	1353A	CMR	1	24	PO	PVC	3.2	11.9	90.0	47.6
	1304A	Cat 5e	4	24	PO	PVC	6.4	38.7	82.0	49.2
	1305A*		4	24	PO	PVC	7.6	56.6	93.8	49.2


* 1305A is upjacketed tactical cable with PVC inner/outer jackets

Line Level Audio Cable

Primary Image	Part No.	Compliance	No. of Pairs	Cond. Size (AWG)	Insulation Material	Shielding	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)	Norm. DCR Shield (Ohm/km)	Norm. Cap. Cond to Cond (pF/m)	Norm. Cap. Cond to Other* (pF/m)
	8451	CMR, CMG	1	22	PP	OS	PVC	3.5	19.3	47.6	46.3	111.5	219.8
	8723	CM	2	22	PP	IS	PVC	4.1	25.3	48.2	49.2	108.3	203.4
	9451	CMR, FT4	1	22	PP	OS	PVC	3.4	20.8	46.3	46.9	114.8	219.8
	9451D*		2	22	PO	OS	PVC	3.4 x 6.9	40.2	46.3	46.9	111.6	219.8
	9451P	CMP, FT6	1	22	FEP	OS	PVC	3.2	20.8	46.6	46.9	114.8	219.8
	9451DP*		2	22	FEP	OS	LS PVC	3.2 x 6.4	35.7	46.3	46.9	114.8	219.8
	82723		2	22	FEP	IS	LS PVC	3.9	28.3	48.2	49.2	141.1	246.1
	9451WB	Waterblock	1	22	PP	OS	PE	4.2	16.4	46.3	34.5	114.8	219.8

* 9451D, 9451DP are constructed in Parallel



Public Address & Paging Cable

Primary Image	Part No.	Compliance	No. of Cond.	Cond. Size (AWG)	Insulation Material	Shielding	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)	Norm. Cap. Cond to Other* (pF/m)
	5300UE	CMR FT4	2 C	18	PP	-	PVC	4.0	22.3	21.3	70.5
	5302UE		4 C	18	PP	-	PVC	4.7	41.7	21.3	72.2
	5200UE		2 C	16	PP	-	PVC	4.6	35.7	14.1	75.5
	5202UE		4 C	16	PP	-	PVC	5.3	61.0	13.8	75.5
	5100UE		2 C	14	PP	-	PVC	5.5	49.1	8.3	72.2
	5102UE		4 C	14	PP	-	PVC	6.7	92.3	8.3	72.2
	5000UE		2 C	12	PP	-	PVC	6.6	79.8	5.2	78.7
	5T00UP		2 C	10	PVC	-	PVC	9.0	135.4	3.4	85.3
	5500FE		2 C	22	PP	OS	PVC	3.2	14.9	52.8	203.4
	5400FE		2 C	20	PP	OS	PVC	3.6	19.3	33.8	236.2
	5300FE		2 C	18	PP	OS	PVC	4.1	26.8	21.7	313.3
	5200FE		2 C	16	PP	OS	PVC	4.8	35.7	13.1	374
	5100FE		2 C	14	PP	OS	PVC	5.6	68.2	8.3	319.1
	5000FE		2 C	12	PP	OS	PVC	6.7	81.8	5.2	378.1
	5502GE		1 Pr + 2 C	22	PP	IS*	PVC	3.9	27.1	53.8	218.2
	5302GE		1 Pr	18	PVC	IS*	PVC	5.7	52.8	21.3	383.9
	5502FE		4 C	22	PP	OS	PVC	3.7	25.3	53.8	132.9
	5302FE		4 C	18	PP	OS	PVC	4.8	44.6	21.3	159.1
	6300UE		2 C	18	LS-PVC	-	LS-PVC	3.9	23.8	21.3	111.6
	6302UE		4 C	18	LS-PVC	-	LS-PVC	4.6	49.1	21.3	111.6
	6200UE		2 C	16	LS-PVC	-	LS-PVC	4.5	35.7	12.5	119.8
	6202UE		4 C	16	LS-PVC	-	LS-PVC	5.2	66.7	12.5	119.8
	6100UE		2 C	14	LS-PVC	-	LS-PVC	5.3	56.5	8.3	118.1
	6000UE		2 C	12	LS-PVC	-	LS-PVC	6.4	77.4	5.2	118.1
	6T00UP		2 C	10	LS-PVC	-	LS-PVC	7.7	120.5	3.5	95.1


* 1 foil shielded Pair plus 2 Conductors

Faster.
Easier.
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Public Address & Paging Cable (Continued)

Primary Image	Part No.	Compliance	No. of Cond.	Cond. Size (AWG)	Insulation Material	Shielding	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)	Norm. Cap. Cond to Other* (pF/m)
	6500FE	CMP FT6	2 C	22	LS-PVC	OS	LS-PVC	3.3	16.4	53.8	324.8
	6500PE		1 Pr	22	LS-PVC	OS	LS-PVC	3.3	16.4	53.8	265.8
	6400FE		2 C	20	LS-PVC	OS	LS-PVC	3.6	22.8	33.8	330.7
	6300FE		2 C	18	LS-PVC	OS	LS-PVC	4.1	31.8	21.0	413.4
	6200FE		2 C	16	LS-PVC	OS	LS-PVC	4.7	46.1	13.1	481.3
	6100FE		2 C	14	LS-PVC	OS	LS-PVC	5.6	68.9	8.3	502.0
	6000FE		2 C	12	LS-PVC	OS	LS-PVC	6.6	95.1	5.2	572.9
	6502GE		1 Pr	22	LS-PVC	IS	LS-PVC	4.6	28.7	53.8	324.8
	6502FE		4 C	22	LS-PVC	OS	LS-PVC	3.7	25.3	53.2	193.6
	6302FE		4 C	18	LS-PVC	OS	LS-PVC	4.8	49.1	21.3	249.4
	1325A	Waterblock CMG	2 Pr	22	F-R PVC	IS	LS-PVC	4.0	28.3	48.2	111.6
	1326A		3 Pr	22	F-R PVC	IS	PVC	4.8	38.7	48.2	111.6
	5300U1		2 C	18	PVC	-	PVC	5.5	32.6	21.3	212.9
	5302U1		4 C	18	PVC	-	PVC	7.8	59.5	19.4	98.4
	5240U1		1 Pr	16	PVC	-	PVC	7.3	46.1	14.4	108.3
	5202U1		4 C	16	PVC	-	PVC	7.4	84.8	13.8	108.3
	5140U1		1 Pr	14	PVC	-	PVC	9.0	87.8	10.0	101.7
	5102U1		4 C	14	PVC	-	PVC	10.8	160.7	9.5	101.7
	5500F1		2 C	22	PVC	OS	PVC	5.0	23.4	52.8	271.7
	5300F1		2 C	18	PVC	OS	PVC	5.6	37.2	21.3	383.9
5240F1	1 Pr	16	PVC	OS	PVC	6.5	50.6	14.4	249.3		
5140F1	1 Pr	14	PVC	OS	PVC	8.2	74.4	10.0	272.3		

Speaker Cable - Oxygen Free Copper

Primary Image	Part No.	Compliance	No. of Cond.	Cond. Size (AWG)	Insulation Material	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)	Norm. Cap. Cond to Cond (pF/m)
	1307A	CM	2 C	16	PO	PVC	5.3	40.2	13.1	65.3
	1308A		4 C	12	PO	PVC	6.9	74.4	13.1	65.3
	1309A		2 C	16	PO	PVC	6.7	62.5	8.2	67.3
	1310A		4 C	14	PO	PVC	8.1	117.6	8.2	67.3
	1311A		2 C	12	PO	PVC	8.9	99.7	5.2	73.2
	1312A		4 C	12	PO	PVC	10.7	183.0	5.2	73.1
	1313A		2 C	10	PO	PVC	10.9	148.8	3.3	76.1



Class 1 Speaker Tray Cable (TC)

Primary Image	Part No.	Compliance	No. of Cond.	Cond. Size (AWG)	Insulation Material	Jacket Material	Norm. OD (mm)	Bulk Weight (kg/km)	Norm. DCR Conductor (Ohm/km)
	8808	CMG FT4	1 Pr	8	PVC+Nylon	PVC	14.5	267.9	2.2
	8810		2 C	10	PVC+Nylon	PVC	10.8	154.8	3.3
	8812		2 C	12	PVC+Nylon	PVC	9.4	111.6	5.2
	8814		2 C	14	PVC+Nylon	PVC	8.3	81.8	8.5
	8808WB	Waterblock CMG FT4	2 C	8	PVC+Nylon	PVC	15.3	276.8	2.2
	8810WB		2 C	8	PVC+Nylon	PVC	11.4	160.7	3.3
	8808H	High Strands CMG FT4	2 C	8	PVC+Nylon	TPE	15.7	339.3	2.2
	8810H		2 C	8	PVC+Nylon	TPE	11.2	183	3.3

Ethernet CatSnake® Cable (IP Based)

CAT 5E Audio/Video Cable

24 AWG Stranded Conductors • Bonded Pair • UTP



Primary Image	Part Number	No. of Pairs	Overall Diameter (mm)	Bulk Weight (kg/km)
	Heavy-Duty Jacketed • Polyolefin Insulation • Flexible Matte Black PVC Jacket			
	1304A	4	6.4	41.3
	Upjacketed • Polyolefin Insulation • PVC Inner Jacket • Matte Black Flexible PVC Outer Jacket			
	1305A	4	7.6	55.3

Freq. (MHz)	Max. Atten. (dB/100m)	Min. NEXT (dB)	Min. ACR (dB)	Min. ELFEXT (dB)	Min. RL (dB)
1	2.4	65.3	63.3	63.8	20.0
4	4.9	56.3	52.2	51.8	23.0
10	7.8	47.3	43.8	43.8	25.0
25	12.5	44.3	33.9	35.8	24.3
31	14.1	42.9	31.2	33.9	23.6
62	20.4	38.4	21.4	27.9	21.5
100	26.4	35.3	13.3	23.8	20.1
200	38.9	30.8	-	17.8	18.0
300	53.2	28.1	-	14.3	16.8

Note: Frequency above 100MHz for information only.

CAT 6A Audio/Video Cable

24 AWG Stranded Conductors • Bonded Pair • S/FTP

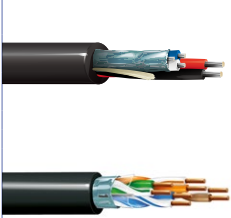
Primary Image	Part Number	No. of Pairs	Overall Diameter (mm)	Bulk Weight (kg/km)
	Foam Skin Polyolefin Insulation • PVC Jacket (Black)			
	1302E	4	7.9	69.1
	Upjacketed • Foam Skin Polyolefin Insulation • PVC Inner Jacket (Black) • PVC Outer Jacket (Black)			
	1303E	4	8.7	83.0
	Upjacketed • Foam Skin Polyolefin Insulation • PVC Inner Jacket (Black) • PUR Outer Jacket (Black)			
	1303EPU	4	8.7	83.0

Freq. (MHz)	Max. Atten. (dB/100m)	Min. NEXT (dB)	Min. ACR (dB)	Min. ELFEXT (dB)	Min. RL (dB)
1	2.5	72.3	69.8	65.0	20.0
4	4.6	63.3	58.7	53.0	23.0
10	7.1	57.3	50.2	45.0	25.0
16	9.0	54.2	45.3	40.9	25.0
31	12.6	49.9	47.3	35.1	23.6
62	18.0	45.4	27.4	9.1	21.5
100	23.0	42.3	19.3	25.0	20.1
125	25.8	40.8	15.0	23.1	19.4
200	33.1	37.8	4.7	19.0	18.0
250	37.3	36.3	-1.0	17.0	17.3
300	41.1	35.1	-6.0	15.5	17.3
500	54.3	31.8	-22.5	11.0	17.3

Neutrik EtherCon® compatible
RJ-45 Compatible

Media Automation and Lighting Control Solutions

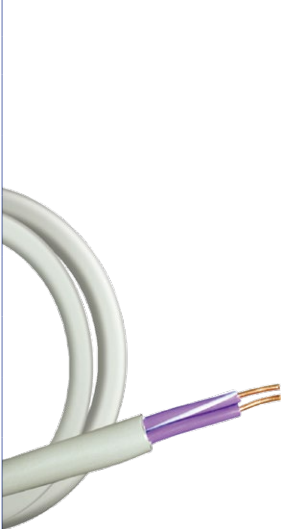
AMX Systems

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	Cable Configured for AXLINK™	2 C #18 + 1 Shielded Pr #22	1392A	1392P
	Cable Configured for DXLINK™	Category 5e Shielded Cable	1212F	1213F
	Cable Configured for DXLINK™	Category 6 Shielded Cable	2412F	2413F
	Cable Configured for DXLINK™	10GX/Category 6A Shielded Cable	10GX62F	10GX63F
	Cable for Crestron® Control Systems	2 C #18 + 1 Shielded Pr #22	1502R	1502P


Low Voltage Light Dimming Cable

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	Low Voltage Ballast, 0-10V dimmable fixture, class 2 wiring	2 C #18	2285R	2285P

Lutron Systems

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	Cable Configured for EcoSystem®, Bus Cable	2 C #16	2179LA	2179LP
	Cable Configured for EcoSystem®, Sensor Cable	5 C #22	1384LA	1384LP
	Cable Configured for Homeworks® and/or Grafik Eye® 3000 Systems	2 C #18 + 1 Shielded Pr #22	2180LA	2180LP
	Cable Configured for Grafik Eye® 4000/5000/6000 Systems	1 Pr #22 + 2 C #12 + 1 C #18	2181LA	2181LP
	Cable Configured for Sivoia® QS Systems	2 C #18 + 1 Shielded Pr #22	1387LA	1387LP
	Cable Configured for Sivoia® QS Systems, Motor Drive Unit	1 Tr #22 + 2 C #16 + 1 C #18	1388LA	-
	Cable Configured for Homeworks® and/or Sivoia® QED Systems, EDU and Keypad	1 Quad #18 + 2 C #16 + 1 C #18	1389LA	-
	Cable Configured for EcoSystem®, Bus Cable	2 C #16	1382LA	1382LP
	Cable Configured for Homeworks® and/or Grafik Eye® 3000 Systems	2 C #18 + 1 Shielded Pr #22	1385LA	1385LP
	Cable Configured for Grafik Eye® 4000/5000/6000 Systems	1 Pr #22 + 2 C #12 + 1 C #18	1386LA	1386LP
	Cable Configured for Lutron Light Dimmer Cable	2 C #18	2285R	2285P


DMX Systems

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	RS-485 Cable for Theatrical Lighting Control	1 Pr #24	9841	82841
		2 Pr #24	9842	81842
		1 Pr #22	3105A	-
		2 Pr #22	3107A	-

Crestron Digital Media (DM)Ultra for HDBaseT

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	4K UHD Media Cable	4 Pr #23, Bonded Pair, Overall Foil Shielded	2183R	2183P


Crestron Cresnet Systems

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	Cable Configured for Cresnet	1 Shielded Pr #22 + 2 C #18	1392A	1392P
		1 Shielded Pr #22 + 2 C #18	1502R	1502P
	Cable Configured for Cresnet-DM	1 Shielded Pr #22	8451	-

Crestron Digital Media (DM) 8G System

	Systems	Cable Construction	Belden Part Number	
			Riser	Plenum
	Cable Configured for DM-CBL-8G	Category 5e Shielded, Nonbonded Pair	1212F	1213F

CresFiber 8G System or HDMI over Fiber

	Systems	Cable Construction	Belden Part Number			
			Riser	Plenum	Field Installable Connector OM3/OM4 for 900 µm	
					LC	SC
	Cable Configured for CresFiber 8G	4 Graded-Index Multimode Fibers	F14B004RBA	F14B004PBA	AX105202-B25*	AX105207-B25*

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Audio/Video Patching Solution

Audio Patching Solution



BENEFITS

- Flexible options of long frame plug and Bantam plus
- High mating cycles up to 20,000
- Multiple choices of normal

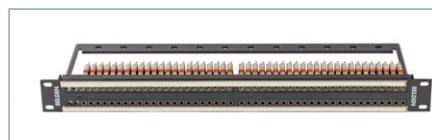


KEY APPLICATIONS

- Broadcast studios
- Outside Broadcast Vans
- Stadiums
- Multi-function hall

Audio Patch Panel

- Standard 19" width 1U height design applicable for mostly common rack and cabinet
- Optional design
 - 2 rows 48-port for long frame jack
 - 2 rows 96-port for Bantam(TT) jack



Description	Mated Patch Cord	Belden Part Number
Audio Patch Panel, 48-port, 1U, Jack Mounted	APC1172A66*** Series	APNS1048
Audio Patch Panel, 96-port, 1U, Jack Mounted	APC1172A44*** Series	APNS1096

Audio Patch Cord

- 1172A - High-quality Star-quad shielded microphone cable with 95% braiding coverage
- Two main connector options
 - 1/4"(6.35mm) Long frame plug
 - Bantam(TT) 4.4mm plug
- Customizable cable length and jacket color



Description	Color	Length	Belden Part Number
BELDEN 1/4" Long Frame Audio Patch Cord	Black	0.6m	APC1172A66100D6M
BELDEN 1/4" Long Frame Audio Patch Cord	Black	1.2m	APC1172A66101D2M
BELDEN Bantam(TT) Audio Patch Cord	Black	0.9m	APC1172A44100D9M
BELDEN Bantam(TT) Audio Patch Cord	Black	2.0m	APC1172A44102D0M

Video Patching Solution



BENEFITS

- High density
- Up to 32 channels, space saving,
- Wide designation strip (1/1.5/2RU for HD-SDI Panel)
- Streamlined design for repeatable manufacturability



KEY APPLICATIONS

- Broadcast
- OB Van
- Stadium
- Studio
- Multimedia Video System


4K 12G UHD Video Patch Panel

- 75 Ohm, High Frequency Dual Coaxial
- 12G-SDI, SMPTE ST 2082-1 Compliant
- Normal-Terminated
- 32 channels in 1RU
- Mini Video Plug + BNC interface
- 20,000 insertion/withdrawal cycles on individual jack




Description	Belden Part Number
4K Video Patch Panel, Dual 32-port, 1U, Black	VP12GNT1032

4K 12G UHD Video Patch Cord

	Description	Length	Belden Part Number
	Micro Video Patch cord, 4K, 2 Feet	2 Feet	VPC4KMM02F
	Micro Video Patch cord, 4K, 3 Feet	3 Feet	VPC4KMM03F
	Micro Video Patch cord, 4K, 5 Feet	5 Feet	VPC4KMM05F


HD-SDI Video Patch Panel

- Standard 19" width 1U height design applicable for mostly common rack and cabinet
- Full normalised, terminated, Mini-WECO, preloaded 75 Ohm video panel, Backlite frames
- Compliance Standard:
 - SMPTE 292M
 - SMPTE 424M

	Description	Belden Part Number
	Video Patch Panel, 32-port, 1U, Jack Mounted	VPNS1032
	Video Patch Panel, 28-port, 1U, Jack Mounted	VPNS1028
	Video Patch Panel, 24-port, 1U, Jack Mounted	VPNS1024
	Video Patch Panel, 32-port, 1.5U, Jack Mounted	VPNS1532
	Video Patch Panel, 28-port, 1.5U, Jack Mounted	VPNS1528
Video Patch Panel, 24-port, 1.5U, Jack Mounted	VPNS1524	


HD-SDI Video Patch Cord

- BELDEN 75 Ohm 1505F RG-59 Coax cable terminated with Mini-Weco plugs
- Multi Standards Compliant
 - SMPTE 424, SMPTE 292
 - MIL-STD-202G
- Excellent Return Loss
 - 15 dB @ 5 MHz to 1.5 GHz
 - 10 dB @ 1.5 GHz to 3 GHz

	Description	Length	Belden Part Number	
	BELDEN 1505F RG59 Mini-WECO to Mini-WECO video patch cord, length customizable	xx - customizable length		VPC1505FWW07Lxx*
			0.5 m	VPC1505FWW07L0D5
			1.0 m	VPC1505FWW07L01
			2.0 m	VPC1505FWW07L02
			3.0 m	VPC1505FWW07L03

110Ω-75Ω Digital Impedance Transformer

- Standards: SMPTE 276M & AES3
- AES/EBU digital audio signal over coaxial cable in longer distance compared with audio twisted pair cable.
- Operating Frequency: 0.1 MHz to 6 MHz
- Maximum Voltage: 5V p-p
- Voltage Standing Wave Ratio (VSWR): 1.1 or less
- Insertion Loss: 0.3 dB

	Description	Belden Part Number
	Female XLR to Female BNC	A1175XFBFAA
Male XLR to Female BNC	A1175XMBFAA	

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Molded AV Assemblies


Belden now offers HDMI, DVI, and VGA assemblies, in a wide variety of lengths to meet the increasing needs of AV installations. All assemblies are UL listed and meet additional Belden performance standards to ensure reliability in the field.

Audio Patching Solution

- Ultra-high-definition (UHD) and 4k at 50/60 (2160p)
- Audio sampling frequency of up to 1536 kHz
- Simultaneous delivery of dual video streams on the same screen
- Simultaneous delivery of multi-stream audio
- Wide angle theatrical 21:9 video aspect ratio
- Dynamic synchronization of video and audio streams
- CEC extensions
- Ethernet channel
- Audio return channel
- Gold contact plating, NEC CL2/FT4 rating
- Supports HDMI 2.0 standard
- Standard HDMI's have a 3 lbs port retention
- Locking HDMI's have a 25 lbs port retention
- Standard HDMI's feature a standard HDMI connector, but smaller connector body over mold and smaller cable OD for easier installation in tight spaces




High Speed HDMI - 10 Gbps

Primary Image	Description	Belden Part Number
	High Speed HDMI with Ethernet Channel, UHD/4K, 1 m	HDE001MB
	High Speed HDMI with Ethernet Channel, UHD/4K, 1.5 m	HDE002MB
	High Speed HDMI with Ethernet Channel, UHD/4K, 3 m	HDE003MB
	High Speed HDMI with Ethernet Channel, UHD/4K, 5 m*	HDE005MB
	High Speed HDMI with Ethernet Channel, 1080p, 7 m*	HDE007MB
	High Speed HDMI with Ethernet Channel, 1080p, 10 m*	HDE010MB
	High Speed HDMI with Ethernet Channel, 1080p, 15 m*	HDE015MB
	High Speed HDMI with Ethernet Channel, 1080p, 20 m*	HDE020MB
	High Speed HDMI with Ethernet Channel, UHD/4K, 1.5 ft.	HDE002FB
	High Speed HDMI with Ethernet Channel, UHD/4K, 3 ft.	HDE003FB
	High Speed HDMI with Ethernet Channel, UHD/4K, 6 ft.	HDE006FB
	High Speed HDMI with Ethernet Channel, UHD/4K, 8 ft.	HDE008FB
	High Speed HDMI with Ethernet Channel, UHD/4K, 10 ft.	HDE010FB
	High Speed HDMI with Ethernet Channel, UHD/4K, 15 ft.	HDE015FB
	High Speed HDMI with Ethernet Channel, 1080p, 25 ft.*	HDE025FB
	High Speed HDMI with Ethernet Channel, 1080p, 35 ft.*	HDE035FB
	High Speed HDMI with Ethernet Channel, 1080p, 50 ft.*	HDE050FB

* Assemblies over 5 meters are active and directional.


Perfect Path™ Locking HDMI - 800 Series

Primary Image	Description	Belden Part Number
	High Speed HDMI w/PerfectLock™ Connectors, 2 ft.	HD-800-2
	High Speed HDMI w/PerfectLock™ Connectors, 4 ft.	HD-800-4
	High Speed HDMI w/PerfectLock™ Connectors, 8 ft.	HD-800-8
	High Speed HDMI w/PerfectLock™ Connectors, 16 ft.*	HD-800-16
	High Speed HDMI w/PerfectLock™ Connectors, 25 ft.*	HD-800-25
	High Speed HDMI w/PerfectLock™ Connectors, 35 ft.*	HD-800-35
	High Speed HDMI w/PerfectLock™ Connectors, 50 ft.*	HD-800-50

*Assemblies over 8 feet are active and directional.


For certification details visit: <http://www.dpllabs.com/page/dpl-member-perfect-path>

Premium HDMI - 18 Gbps New


Primary Image	Description	Belden Part Number
	Belden Premium HDMI Cable with Ethernet Channel, 1 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 2 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 3 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 4 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 5 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 7 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 10 m*	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 15 m*	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 20 m*	HD20AA001M
	HBelden Premium HDMI Cable with Ethernet Channel, 7 m	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 10 m*	HD20AA001M
	Belden Premium HDMI Cable with Ethernet Channel, 15 m*	HD20AA001M

* Assemblies over 10 meters are directional.

Mini HDMI to Standard HDMI - 10 Gbps

Primary Image	Description	Belden Part Number
	Mini HDMI to Standard HDMI, UHD/4K, 1 m	HDM001MB
	Mini HDMI to Standard HDMI, UHD/4K, 1.5 m	HDM002MB
	Mini HDMI to Standard HDMI, UHD/4K, 3 m	HDM003MB


Micro HDMI to Standard HDMI - 10 Gbps

Primary Image	Description	Belden Part Number
	Micro HDMI to Standard HDMI, UHD/4K, 1 m	HDC001MB
	Micro HDMI to Standard HDMI, UHD/4K, 1.5 m	HDC002MB
	Micro HDMI to Standard HDMI, UHD/4K, 3 m	HDC003MB


DVI Cable Assemblies

- Digital video cable with transfer rates up to 9.9 Gbps
- Meets DDWG Standard
- Ideal for connecting digital displays and/or projectors to a PC
- Smaller, more flexible cable for easier installation in tight spaces


Dual Link DVI-D

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


Dual Link DVI-I

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

Single Link DVI-D

Primary Image	Description	Belden Part Number
	Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 3 ft.	DSD003FB
	Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 6 ft.	DSD006FB
	Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 10 ft.	DSD010FB
	Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 13 ft.	DSD013FB
	Single Link DVI-D, digital, supports resolutions up to 1920 x 1200 pixels, 15 ft.	DSD015FB

Single Link DVI-I

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

VGA Cable Assemblies

- Ideal for temporary AV installations, video presentations, classroom environments, POS devices, and various other displays.
- Smaller, more flexible cable for easier installation in tight spaces
- Supports DDC2 (E-DDC) and EDID

Primary Image	Description	Belden Part Number
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 3 ft.	VGA003FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 6 ft.	VGA006FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 10 ft.	VGA010FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 12 ft.	VGA012FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 15 ft.	VGA015FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 20 ft.	VGA020FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 25 ft.	VGA025FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 35 ft.	VGA035FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 40 ft.	VGA040FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 50 ft.	VGA050FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 75 ft.	VGA075FB
	Standard VGA, supports resolutions up to 2048 x 1536 pixels, 100 ft.	VGA100FB

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Managed Full Giga PoE Switches

Compatible with Hirschmann Industrial HiVision Management Platform



BENEFITS

- Ring technology delivers redundancy bandwidth for critical services and 50ms protection switching
- Hirschmann Industrial HiVision software for easy configuration and management of large networks
- Full GIGA design for high bandwidth application Full POE/POE+ design for power up application
- Variety of interface and port types to ensure flexibility and seamless integration of CCTV application
- 4 Mbits memory
- Support static Layer 3 routing



KEY APPLICATIONS

- CCTV



BN44/48 Series Din-Rail Industrial PoE Switch

- A full Gigabit network provides higher throughput than legacy Fast Ethernet networks (10/100Mbps)
- Ideal for intelligent transportation system and building automation application

	Description	Product Number	Product Code
	Managed, DIN-Rail, 6-port Gigabit Ethernet switch (4 x GE TX PoE+ ports, 2 x GE SFP slots), 120W PoE budget	942 999 910	BN44-00060606TCMS
	Managed, DIN-Rail, 10-port Gigabit Ethernet switch (8 x GE TX PoE+ ports, 2 x GE SFP slots), 240W PoE budget	942 999 938	BN48-00100606TCMSB

BN3049 Series Rack Mount Industrial PoE Switch

- A total switch fabric of 58Gbps
- BN3049 can handle large amounts of data linking to an industrial backbone or high-capacity servers
- Has capability of providing wire-speed throughput

	Description	Product Number	Product Code
	Managed, rack mount, 26-port Gigabit Ethernet switch (20 x GE TX PoE+ ports, 4 x GE Combo PoE+ ports, 2 x GE SFP slots), 350W PoE budget	942 999 930	BN3049-204C20TTM9MS
	Managed, rack mount, 26-port Gigabit Ethernet switch (20 x GE TX PoE+ ports, 4 x GE Combo PoE+ ports, 2 x GE SFP slots), 480W PoE budget	942 999 933	BN3049-204C20TTM9MSD

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