

Audio Video Solutions

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



**Be certain.
Belden.**



Audio Video Solutions by Belden

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

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.

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4K Ultra-High-Definition Media Cable

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.



4K Ultra-High-Definition Media Cable

	Description	Nom. Diameter	Bend Radius	Belden Part Number		
		mm	mm	Blue	White	Black
	LSZH, 4pr 23 AWG F/UTP, Reel-in-a-box, 305 m	7.4	30	2183NH 006A1000	2183NH 009A1000	2183NH 010A1000
	LSZH, 4pr 23 AWG F/UTP, Reel, 305 m	7.4	30	—	—	2183NH 0101000
	PVC, 4pr 23 AWG F/UTP, Reel-in-a-box, 305 m	7.4	30	2183R 006A1000	2183R 009A1000	2183R 010A1000
	PVC, 4pr 23 AWG F/UTP, Reel, 305 m	7.4	30	—	—	2183R 0101000


Custom colors available upon request subject to minimum order quantity. Conductor color code: White/Blue & Blue, White/Orange & Orange, White/Green & Green, White/Brown & 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	004		



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	RVUDCX-B24	RVUICXX-B24	RVUCOE-W-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)

Shielded Field-Mount Plug and Tool

	Description	Belden Part Number
	Shielded Field-Mount Plug T568A/B - Large	CAPFMFL-S1
Parallel Plier	CTPFM01	

Note: F/UTP = Overall foil shield, unshielded twisted pairs

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Belden now offers first-of-its-kind HDBaseT® System 25-year warranty! For more details on how to find an authorized installer visit www.belden.com/find-a-certified-installer.


Copper Structured Cabling Solutions

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

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

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

10GX Shielded Cabling System (Category 6A)


	Description	Configuration	Belden Part Number	Color	Packaging
	Cable				
	10GX - Shielded F/UTP	Riser, Nonbonded-Pair	10GX52F	Blue Purple Grey White	305m Reel
		Riser, Bonded-Pair	10GX62F		
		CPR D, Nonbonded-Pair	10GXE00		
		LSZH, Nonbonded-Pair	10GXE00D		
	10GX - Shielded F/FTP (Nonbonded-Pair)	CPR B	10GXE01B		500m Reel
		CPR C	10GXE01C		
		CPR D	10GXE01D		
		LSZH	10GXE01		
	10GX - Shielded S/FTP (Nonbonded-Pair)	LSZH - IEC 60332-3-24	10GXE91	500m Reel	
		CPR B	10GXE02B		
		CPR C	10GXE02C		
		CPR D	10GXE02D		
	KeyConnect Patch Panel, Flat	1U, 24 ports (Empty)	AX106902	Black	
			AX106911	Titanium	
		2U, 48 ports (Empty)	AX104563	Black	
			AX104564	Titanium	
	Connectivity				
	REVConnect 10GX Category 6A	Shielded Jack	RVAMJKSME-B24	Metal	Bulk Pack 24pcs
		Shielded Plug	RVAFPSME-B24		
Patch Cords 10GX Category 6A	LSZH TIA-568A/B	CAE4106XXXM	Blue	XXXM: 002M 2 meter	
		CAE4108XXXM	Grey	003M 3 meter	
		CAE4109XXXM	White	005M 5 meter	
		CAE4100XXXM	Black		
Pre-Terminated Assemblies 10GX Category 6A	LSZH TIA-568A/B, bundle of 6 Cables	CAE4106XXXMA06	Blue	XXXM: 010M 10 meter	
		CAE4108XXXMA06	Grey	025M 25 meter	
		CAE4109XXXMA06	White		
		CAE4100XXXMA06	Black	050M 50 meter	

Other colors and lengths available on request.

Be certain.



10GX Unshielded Cabling System (Category 6A)

	Description	Configuration	Belden Part Number	Color	Packaging
	Cable				
	10GXS - Small Diameter	Riser, Nonbonded-Pair	10GXS12	Blue Purple Grey White	305m Reel 305m Reel-in-box
		Riser, Bonded-Pair	10GXS32		
	10GX - Standard Diameter	LSZH, Nonbonded-Pair	10GX24		
		LSZH, Bonded-Pair	10GX44		
		Riser, Nonbonded-Pair	10GX12		
		Riser, Bonded-Pair	10GX32		
	10GB - Reduced Diameter	LSZH, Nonbonded-Pair	10GB24	305m Reel	
	Patch Panels				
	Broadcast Patch Panel, Featuring designation strips	1U, 24 ports (Preloaded)	AX105152	Black	
2U, 48 ports (Preloaded)		AX105153			
REVConnect Patch Panel, Flat	24-port, 1U (Preloaded)	RVAPPF1U24BK	Black		
		RVAPPF1U24WH	White		
	48-port, 2U (Preloaded)	RVAPPF2U48BK	Black		
		RVAPPF2U48WH	White		
KeyConnect Patch Panel, Flat	1U, 24 ports (Preloaded)	AX103254	Titanium		
	2U, 48 ports (Preloaded)	AX103256	Titanium		
	1U, 24 ports (Empty)	AX103114	Black		
		1U, 48 ports (Empty)		AX103121	
2U, 48 ports (Empty)	AX103115				
	AX103115				
KeyConnect Patch Panel, AngleFlex	1U, 24 ports (Empty)	AX103248			
	2U, 48 ports (Empty)	AX103249			
Connectivity					
REVConnect 10GX Category 6A	Unshielded Jack	RVAMJKUBL-B24	Blue	Bulk Pack 24pcs	
		RVAMJKUPR-B24	Purple		
		RVAMJKUEW-B24	White		
		RVAMJKUBK-B24	Black		
	Unshielded Plug	RVAFPUBK-B24	Black		
Patch Cords 10GX Category 6A	LSZH TIA-568A/B	CA24106XXXM	Blue	XXXM:	
		CA24108XXXM	Grey	002M 2 meter	
		CA24109XXXM	White	003M 3 meter	
		CA24100XXXM	Black	005M 5 meter	
Pre-Terminated Assemblies 10GX Category 6A	LSZH TIA-568A/B, bundle of 6 Cables	CA24106XXXMA06	Blue	XXXM:	
		CA24108XXXMA06	Grey	010M 10 meter	
		CA24109XXXMA06	White	025M 25 meter	
		CA24100XXXMA06	Black	050M 50 meter	

Other colors and lengths available on request.

Copper Structured Cabling Solutions *(continued)*

CAT6+ Shielded Cabling System (Category 6)

Image	Description	Configuration	Belden Part Number	Color	Packaging	
	Cable					
	DataTwist 2400 - Category 6+ - Shielded F/UTP	Riser, Nonbonded-Pair	2412F	Blue Purple Grey White	305m Reel	
	Patch Panels					
	KeyConnect Patch Panel, Flat	1U, 24 ports (Empty)	AX106902	Black		
			AX104563	Titanium		
		2U, 48 ports (Empty)	AX106911	Black		
			AX104564	Titanium		
	Connectivity					
	REVConnect Category 6+	Shielded Jack	RV6MJKSME-B24	Metal	Bulk Pack 24pcs	
	KeyConnect Category 6+	Shielded Jack	AX104596	Metal	Single Pack	
	Patch Cords 10GX Category 6A	LSZH TIA-568A/B	C6S4106XXXM	Blue	XXXM: 002M 2 meter 003M 3 meter 005M 5 meter	
			C6S4108XXXM	Grey		
			C6S4109XXXM	White		
C6S4100XXXM			Black			

Other colors and lengths available on request.

CAT6+ Unshielded Cabling System (Category 6)


Image	Description	Configuration	Belden Part Number	Color	Packaging
	Cable				
	DataTwist 2400 - Category 6+ (Nonbonded-Pair)	Riser	2412D	Blue Purple Grey White	305m Reel 305m Reel-in-box 500m Reel
		LSZH, 23 AWG	2424		
		LSZH, 24 AWG	2424D		
		LSZH - IEC 60332-3-24	2425D		
		Patch Panels			
Broadcast Patch Panel, Featuring designation strips	1U, 24 ports (Preloaded)	AX105156	Black		
	2U, 48 ports (Preloaded)	AX105157			
REVConnect Patch Panel, Flat	24-port, 1U (Preloaded)	RV6PPF1U24BK	Black		
		RV6PPF1U24WH	White		
	48-port, 2U (Preloaded)	RV6PPF2U48BK	Black		
		RV6PPF2U48WH	White		
KeyConnect Patch Panel, Flat	1U, 24 ports (Preloaded)	AX103253	Black		
	2U, 48 ports (Preloaded)	AX103255			
	1U, 24 ports (Empty)	AX103114			
	1U, 48 ports (Empty)	AX103121			
	2U, 48 ports (Empty)	AX103115			
	KeyConnect Patch Panel, AngleFlex	1U, 24 ports (Empty)			AX103248
	2U, 48 ports (Empty)	AX103249			
Connectivity					
REVConnect Category 6+	Unshielded Jack	RV6MJKUBL-B24	Blue	Bulk Pack 24pcs	
		RV6MJKUPR-B24	Purple		
		RV6MJKUEW-B24	White		
		RV6MJKUBK-B24	Black		
KeyConnect Category 6+	Unshielded Jack	AX104193	Blue	Single Pack	
		AX104194	Purple		
		AX101320	White		
		AX101321	Black		
Patch Cords Category 6+	LSZH TIA-568A/B	C624106XXXM	Blue	XXXM: 002M 2 meter 003M 3 meter 005M 5 meter	
		C624108XXXM	Grey		
		C624109XXXM	White		
		C624100XXXM	Black		

Other colors and lengths available on request.


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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	

CAT5E Shielded Cabling System (Category 5e)

	Description	Configuration	Belden Part Number	Color	Packaging	
	Cable					
	DataTwist 1200 - Category 5e Shielded F/UTP	Riser, Nonbonded-Pair	1212F	Blue Purple Grey White	305m Reel 305m Reel-in-box	
	Patch Panels					
	KeyConnect Patch Panel, Flat	1U, 24 ports (Empty)	AX106902	Black		
			AX104563	Titanium		
		2U, 48 ports (Empty)	AX106911	Black		
AX104564			Titanium			
Connectivity						
KeyConnect Category 5e	Shielded Jack	AX104595	Metal	Single Pack		
Patch Cords 10GX Category 5e	LSZH TIA-568A/B	C6S4106XXXM	Blue	XXXM: 002M 2 meter 003M 3 meter 005M 5 meter		
		C6S4108XXXM	Grey			
		C6S4109XXXM	White			
		C6S4100XXXM	Black			

Other colors and lengths available on request.

CAT5E Unshielded Cabling System (Category 5e)

	Description	Configuration	Belden Part Number	Color	Packaging	
	Cable					
	DataTwist 1200 - Category 5e (Nonbonded-Pair)	Riser	1212	Blue Purple Grey White	305m Reel 305m Reel-in-box	
		LSZH	1224		305m UnReelbox 500m Reel	
	Patch Panels					
	KeyConnect Patch Panel, Flat	1U, 24 ports (Preloaded)	AX104013	Black		
		2U, 48 ports (Preloaded)	AX104014			
1U, 24 ports (Empty)		AX103114				
1U, 48 ports (Empty)		AX103121				
2U, 48 ports (Empty)		AX103115				
KeyConnect Patch Panel, AngleFlex		1U, 24 ports (Empty)	AX103248			
	2U, 48 ports (Empty)	AX103249				
Connectivity						
KeyConnect Category 6+	Unshielded Jack	AX104186	Blue	Single Pack		
		AX104187	Purple			
		AX101309	White			
		AX101310	Black			
Patch Cords Category 6+	LSZH TIA-568A/B	C624106XXXM	Blue	XXXM: 002M 2 meter 003M 3 meter 005M 5 meter		
		C624108XXXM	Grey			
		C624109XXXM	White			
		C624100XXXM	Black			

Other colors and lengths available on request.

Copper Structured Cabling Solutions *(continued)*

AV Multimedia Modules

	Description	Belden Part Number		
		Almond	Elec. White	Black
	3.5mm Audio Coupler, F/F, Gold	AX105334-AL	AX105334-EW	AX105334-BK
	3.5mm Audio Coupler, F/Solder, Gold	AX105335-AL	AX105335-EW	AX105335-BK
	S-video Coupler, F/F	AX105336-AL	AX105336-EW	AX105336-BK
	RCA Gold-plated Coupler, F/F, Red	AX105337-AL	AX105337-EW	AX105337-BK
	RCA Gold-plated Coupler, F/F, White	AX105338-AL	AX105338-EW	AX105338-BK
	RCA Gold-plated Coupler, F/F, Yellow	AX105339-AL	AX105339-EW	AX105339-BK
	RCA Gold-plated Coupler, F/F, Green	AX105340-AL	AX105340-EW	AX105340-BK
	RCA Gold-plated Coupler, F/F, Blue	AX105341-AL	AX105341-EW	AX105341-BK
	Video F Coax 3GHz, Recessed, Gold-Plated	AX105346-AL	AX105346-EW	AX105346-BK
	Video F Coax, Recessed	AX102903	AX102904	AX102905
	Video F Coax, Flush	AX102906	AX102907	AX102908
	Video BNC Coax, Flush	AX104573	AX104575	AX104574
	USB 3.0 Coupler, A to A	AX105342-AL	AX105342-EW	AX105342-BK
	USB 2.0 Coupler, B to B	AX105344-AL	AX105344-EW	AX105344-BK
	HDMI Coupler (Version 1.4)	AX105345-AL	AX105345-EW	AX105345-BK

Face Plates

	Description	Part Number
<p>AX104448C KeyConnect Tilted Double Faceplate</p>	One Piece Faceplate/Electric White	
	KeyConnect Single Port Faceplate 86 x 86 x 10	AX104441
	KeyConnect Double Port Faceplate 86 x 86 x 10	AX104442
	KeyConnect Quad Port Faceplate 86 x 86 x 10	AX104444
	KeyConnect Tilted Single Faceplate 86 x 86 x 25.6	AX104447
	KeyConnect Tilted Double Faceplate 86 x 86 x 25.6	AX104448
	Premium Two Piece Faceplate/Almond	
	KeyConnect Single Port Faceplate 86 x 86 x 14.4	AX104441C
	KeyConnect Double Port Faceplate 86 x 86 x 14.4	AX104442C
	KeyConnect Tilted Single Faceplate 86 x 86 x 37.7	AX104447C
	KeyConnect Tilted Double Faceplate 86 x 86 x 37.7	AX104448C
	KeyConnect Tilted Single Faceplate – Fiber 86 x 86 x 37.7	AX104447F
KeyConnect Tilted Double Faceplate – Fiber 86 x 86 x 37.7	AX104448F	

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Modular Connectivity

Rev Connect

RELIABLE

What Makes REVConnect Reliable?

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

How Much More Reliable Is REVConnect?

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



VERSATILE

How Is REVConnect Versatile?

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

What About Future Generation Modules?

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

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



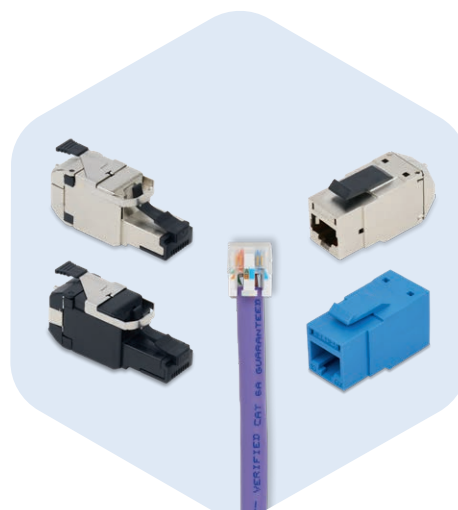
EASY

What Makes REVConnect Easy?

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

How Much Faster Is REVConnect?

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



Modular Connectivity *(continued)*

REVConnect is a revolutionary connectivity system which offers a reliable and easy termination method with unparalleled versatility.

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

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



10GX



REVConnect 10GX Category 6A

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

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

REVConnect CAT6+ Category 6

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

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

CAT6+



REVConnect CAT5E Category 5e

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

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

CAT5E



REVConnect Tool and Accessories

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



Color codes: AL (almond), BK (black), BL (blue), BR (brown), EW (electric white), GN (green), GY (gray), IV (ivory), 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)

Be certain.



Audio Cable Solutions

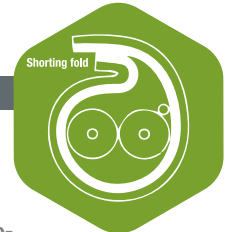
Belden's wide array of audio cables range from high-performance, low-capacitance constructions to basic industry specifications for commercial use, short runs and non-mission critical applications. Belden pioneered the Easy Strip foil bonded to the jacket for ease of installation and now offers this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

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

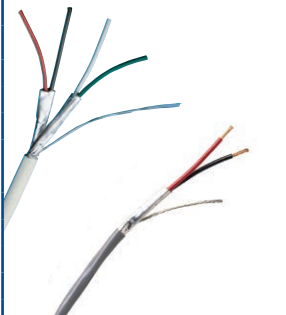
in ultra-flexible versions in PVC and halogen-free for the most demanding installation requirements. Up to 32-pair in analog or digital audio snakes will satisfy every designer and system integrator.

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

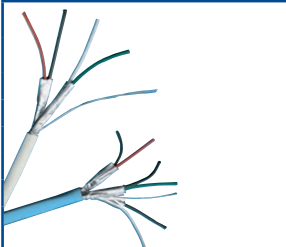
Belden uses a shorting fold technique to maintain metal-to-metal contact for improved high-frequency performance. Without the shorting fold, a slot is created through which signals can leak and cause interference.



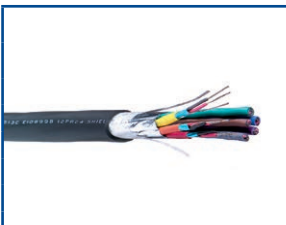
Shielded Audio Cables – Stranded Conductor

	Conductor size [mm ²]	Diameter [mm]	Belden Part Number	
			PVC	LSZH
	0.33	3.2	5500FE	4500FE
	0.52	3.6	5400FE	4400FE
	0.83	4.2	5300FE	4300FE
	1.31	4.7	5200FE	4200FE
	2.08	5.7	5100FE	4100FE
	3.31	7.1	5000FE	4000FE
	0.33	3.7	5502FE	4502FE
	0.52	4.2	5402FE	4402FE
	0.83	4.8	5302FE	4302FE
	1.31	5.5	5202FE	4202FE

Analog Audio Cables – BeldFoil Shielded

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

Analog Audio Cables – BeldFoil Shielded – Overall Braid

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

Speaker Cable Solutions

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


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



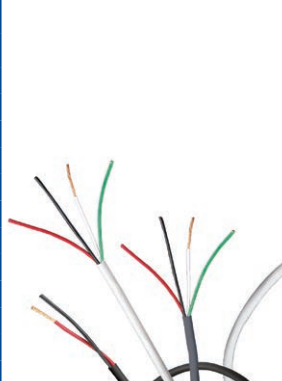
If you are unsure whether you should choose speaker cable with a solid or stranded conductor, consider the following:

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

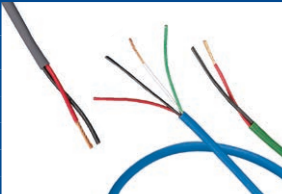
Speaker Cables – Stranded Conductor

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

High-Flex Speaker Cables

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

Speaker Cables – Solid Conductor

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

Be certain.

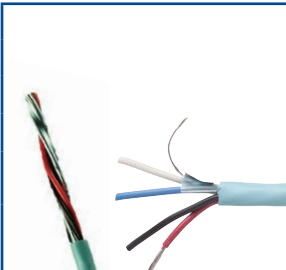


Media Automation and Lighting Control Solutions

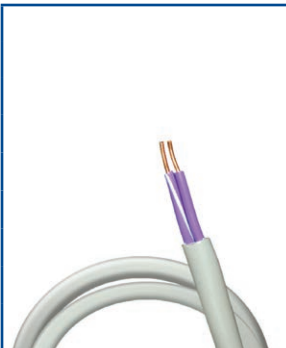
Automation and lighting control are growing rapidly in commercial buildings because of their ability to reduce energy consumption and cost. More sophisticated and complex systems are

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

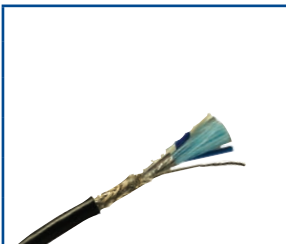
AMX® Systems

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

Lutron® Systems

	Description	Cable Construction	Belden Part Number	
			PVC	LSZH
	EcoSystem®, Bus Cable	16 AWG, 2 Conductor	2179LA	-
	EcoSystem®, Sensor Cable	22 AWG, 5 Conductor	1384LA	-
	Homeworks® and/or Grafik Eye® 3000	18 AWG, 2 Conductor + 22 AWG, 1 Shielded Pair	2180LA	-
	Grafik Eye® 4000/5000/6000	22 AWG, 1 Pair + 12 AWG, 2 Conductor + 18 AWG, 1 Conductor	2181LA	-
	Sivoia® QS	18 AWG, 2 Conductor + 22 AWG, 1 Shielded Pair	1387LA	-
	Sivoia® QS, Motor Drive Unit	22 AWG Triad + 16 AWG, 2 Conductor + 18 AWG, 1 Conductor	1388LA	-
	Homeworks® and/or Sivoia® QED, EUD and Keypad	18 AWG Quad + 16 AWG, 2 Conductor + 18 AWG, 1 Conductor	1389LA	-

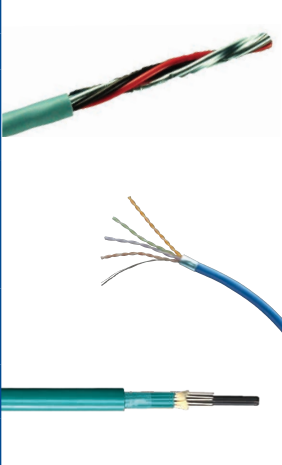
DMX® Systems

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

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Media Automation and Lighting Control Solutions *(continued)*


Crestron® Systems

	Description	Cable Construction	Media	Belden Part Number		Connectivity	
				PVC	LSZH	LC	SC
	CresFiber - 8G OR DigitalMedia 8G™ Fiber solutions, as well as standard DigitalMedia™ Fiber and Crestron HDMI® over Fiber	Breakout, 4 x OM4	Fiber	FI4B004RBA	GIBTE04	AX105207-B25 + Boot AX105214-B25	AX105207-B25 + Boot AX105214-B25
	4K UHD Media Cable	23 AWG, 4 Bonded-Pairs, Overall foil Shield	Copper	2183R	2183NH		
	Cresnet™ -DM-8G for the wiring of DigitalMedia 8G+®, HDBaseT®, and Sonnex® systems	Cat5e, Shielded, F/UTP	Copper	1212F	10GXE00		
	Cresnet™.DM for use with Crestron CLW-series wall box dimmers and switches.	22 AWG, 1 Shielded Pair	Copper	8451	70050		
	Cresnet™ for use in the wiring of a Cresnet® control network.	22 AWG, BC, 1 Shielded Pair (100Ω) + 18 AWG, BC, 2 Conductor 22 AWG, TC, 1 Shielded Pair (100Ω) + 18 AWG, TC, 2 Conductor	Copper	1392A	-		

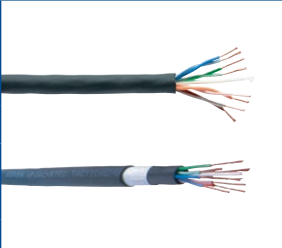
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Audio/Video over IP

HDBaseT® Systems

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

CobraNet™ Dante™ EtherSound™ Roland's DigitalSnake™

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

Be certain.



50 Ω RF Cables

50 Ω Wireless Transmission Cables

	Description	Key Attributes	Belden Part Number
	RG-8, 10 AWG, Solid BC, Foil + 95% TC Braid	Outdoor, 6 GHz	7810A
	RG-8, 10 AWG, Solid BC, Foil + 90% TC Braid		9913
	RG-8, 10 AWG, Solid BC, Copper Foil + 50% BC Braid	PVC	H1000C0
	RG-8, 10 AWG, Solid BC, Copper Foil + 50% BC Braid	Outdoor PE	H1000C1
	RG-8, 10 AWG, Solid BC, Copper Foil + 50% BC Braid	LSZH	H1000CH
	RG-8X, 15 AWG, Solid BC, Foil + 95% TC Braid	RF240, Outdoor, 6 GHz	7808A
	RG-8X, 15 AWG, Stranded BC, Foil + 80% TC Braid	PVC	H155A00
	RG-8X, 15 AWG, Stranded BC, Foil + 80% TC Braid	Outdoor PE	H155A01
	RG-8X, 15 AWG, Stranded BC, Foil + 80% TC Braid	LSZH	H155A02
	RG-58/U, 19 AWG, Solid BC, Foil + 90% TC Braid	RF195, Outdoor, 6 GHz	7806A
	RG-58/U, 20 AWG, Solid BC, 78% BC Braid		9201
	RG-58A/U, 20 AWG, Solid BC, 95% TC Braid	CMX, AWM 1354	8240
	RG58/U, 20 AWG, stranded TC, 95% TC Braid	Flexible, PVC	MRG5800
	RG58/U, 20 AWG, stranded TC, 95% TC Braid	Flexible, LSZH	MRG5801
	RG-58A/U, 20 AWG, Stranded TC, 95% TC Braid	Flexible CM, AWM 1354	8219
	RG-58A/U, 20 AWG, Stranded TC, 95% TC Braid	Flexible	8259
RG-174/U, 26 AWG, Stranded CCS, 90% TC Braid	AWM 1354	8216	
RG-174/U, 26 AWG, Stranded CCS, 85% TC Braid		MRG1740	

50 Ω MIL-C-17G QPL Cables

	Description	Key Attributes	Belden Part Number
	RG-58C/U, 20 AWG, Stranded TC, 95% TC braid	Non-Contaminating PVC Jacket	8262
	RG-142B/U, 19 AWG, Solid SCCC, Double SCC 95% braids	CMP, High Temp	83242
	RG-142/U, 19 AWG, Solid SCCC, Double SCC 95% braids	CMP, High Temp	84142
	RG-178B/U, 30 AWG, Stranded SCCC, 95% SCC braid	High Temp	83265
	RG-213/U, 13 AWG, Stranded BC, 96% BC braid	Non-Contaminating PVC Jacket, CMX, AWM 1354	8267
	RG-214/U, 13 AWG, Stranded SCC, Double SCC 95% braids	Non-Contaminating PVC Jacket, CMX, AWM 1354	8268
	RG-223/U, 19 AWG, Solid SCC, Double SCC 95% braids	Non-Contaminating PVC Jacket, CMX, AWM 1354	9273
	RG-316/U, 26 AWG, Stranded SCCC, 95% SCC braid	High Temp	83284

Video Distribution and Display Solutions

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

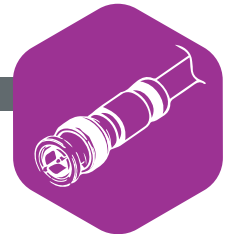
The Belden’s HD Coax cable design includes a tinned copper braid shield (85 percent coverage) and bonded Duofoil® shield (100 percent coverage) for effective shielding

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

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

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

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



HD-SDI Coax Cables

Description	Diameter [mm]	Belden Part Number							
		PVC	LSZH	BNC	RCA	F - connector	Compression Tool	Strip Tool	
Easy Connect Pro 0.6/2.8, Bonded Foil, 6GHz	4.50	70080	70080NH	FSNS15BNC	FSRCA15RGB	FSNS15	CPLCCT-SLM	LDT-MINI	
Easy Connect Pro 0.8/3.7, Bonded Foil, 6GHz	5.90	70081	70081NH	FSNS59BNCU	FSNS59RCAU	FSNS59U	CPLCCT-SLM	LDT596-250	
Easy Connect Pro 1.0/4.6, Bonded Foil, 6GHz	6.96	70082	70082NH	FSNS6BNCU	FSNS6RCAU	FSNS6U	CPLCCT-SLM	LDT596-250	
Easy Connect Pro 1.6/7.3, Bonded Foil, 6GHz	10.30	70084	70084NH	FSNS11QHBNC	-	716SNS1P11HQ	SNSUNI	SDT11-250	

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

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



RGB Cables

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

Be certain.



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

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

Belden offers S-Video cables in both flat or round constructions. Each option has its advantages.

A round construction is easier to handle, more flexible, and arguably looks better. A flat construction takes up less area/space and can be split apart easier for termination. Historically, Belden customers prefer the flat S-Video option.



CATV Coax Cables

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

CCTV Coax Cables

Description	Diameter [mm]	Belden Part Number					
		Cable		Connectivity			
		PVC	LSZH	BNC	F-connector	Compression Tool	Strip Tool
RG59 20 AWG Solid BC 95% Braid Shield	5.90	543945	443945	FSNS59BNC SL	FSNS59U	CPLCCT-SLM	LDT596-250
RG59 20 AWG Solid BC 95% Braid Shield + 2xAWG18	5.9x11.4	549945	449945	FSNS59BNC SL	FSNS59U	CPLCCT-SLM	LDT596-250
RG6 18AWG Solid BC 95% Braid Shield	6.80	533945	433945	FSNS6BNCU	FSNS6U	CPLCCT-SLM	LDT596-250
RG6 18AWG Solid BC 95% Braid Shield + 2xAWG18	6.8x12.3	539945	439945	FSNS6BNCU	FSNS6U	CPLCCT-SLM	LDT596-250




Coaxial Connectivity Solutions

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

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

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

BNC Compression Video Connectors




	Description	Cable Type	Color Band	Belden Part Number			
				ProSNS Tool	ProSNS	DB Tool	DB
	1-Piece BNC Compression Connector for 24-26AWG Cable	Mini Coax	Orange	CPLCCT-SLM	FS1BNC-25	CPLCRBC-BR	DB1BNC-25
	Multi-Piece BNC Compression Connector for 24-26AWG Cable	Mini Coax	Orange	CPLCCT-SLM	FSBNC1RGB	CPLCRBC-BR	-
	Right Angle BNC Compression Connector for 24-26AWG Cable	Mini Coax	Orange	CPLCCT-SLM	FSBNC1RA	CPLCRBC-BR	-
	Splice BNC Compression Connector for 24-26AWG Cable	Mini Coax	Orange	CPLCCT-SLM	FS1BNCSSST	CPLCRBC-BR	-
	1-Piece BNC Compression Connector for 22-24AWG Cable	Mini Coax	Purple	CPLCCT-SLM	FSNS15BNC-25	CPLCRBC-BR	DB15BNCHD-25
	Multi-Piece BNC Compression Connector for 22-24AWG Cable	Mini Coax	Purple	CPLCCT-SLM	FSBNC15RGB	CPLCRBC-BR	-
	Right Angle BNC Compression Connector for 22-24AWG Cable	Mini Coax	Purple	CPLCCT-SLM	FSBNC15RA	CPLCRBC-BR	-
	Splice BNC Compression Connector for 22-24AWG Cable	Mini Coax	Purple	CPLCCT-SLM	FS15BNCSSST	CPLCRBC-BR	-
	Universal BNC Compression Connector for Standard through Quad-Shield Cable	RG-59	Red	CPLCCT-SLM	FSNS59BNCU-25	CPLCRBC-BR	BD59BNCU-25
	Universal BNC Right Angle Compression Connector	RG-59	Red	CPLCCT-SLM	FSBNC59URA	CPLCRBC-BR	-
	Universal BNC Splice Compression Connector	RG-59	Red	CPLCCT-SLM	FS59BNCUS	CPLCRBC-BR	-
	Universal BNC Compression Connector for Standard through Quad-Shield Cable	RG-6	Green	CPLCCT-SLM	FSNS6BNCU-25	CPLCRBC-BR	DB6BNCU-25
	Universal BNC Right Angle Compression Connector	RG-6	Green	CPLCCT-SLM	FSBNC6URA	-	-
	Universal BNC Splice Compression Connector	RG-6	Green	CPLCCT-SLM	FS6BNCUS	-	-
	Universal BNC Connector for Standard through Quad-Shield Cable	RG-11	Black	SNSUNI	FSNS11HBNC	-	-
	BNC Compression Connector for RG-11 Quad-Shield Cable	RG-11	Purple	SNSUNI	FSNS11QHBNC-25	-	-

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

Be certain.



F Compression Video Connectors

Description	Cable Type	Color Band	Adapter Tip	Part Number			
				ProSNS Tool	ProSNS	DB Tool	DB
 1-Piece F Compression Connector for 22-24AWG Cable	Mini Coax	Purple	LMTIP-S	CPLCCT-SLM	FSNS15-25	CPLCRBC-BR	DB15-25
	RG-59	Red	LMTIP-S	CPLCCT-SLM	FSNS59U-25	CPLCRBC-BR	DB59U-25
	RG-59	Red	LMTIP-RA	CPLCCT-SLM	FSNS59URA-25	-	-
	RG-59	Red	LMTIP-WP	CPLCCT-SLM	FS59US	-	-
 Universal F Compression Connector for Standard through Quad-Shield Cable	RG-6	Green	LMTIP-S	CPLCCT-SLM	FSNS60-25	CPLCRBC-BR	DB6U-25
	RG-6	Green	LMTIP-RA	CPLCCT-SLM	FSNS6URA-25	-	-
	RG-6	Green	LMTIP-WP	CPLCCT-SLM	FS6US	-	-
 7/16" Universal F Compression Connector for Standard through Quad-Shield Cable	RG-11	Black	-	SNSUNI	716SNS1P11H-25	-	-
	RG-11	Purple	-	SNSUNI	FSNS1P11HQ-25	-	-
	RG-11	Black	-	SNSUNI	90SNS1P11H	-	-
	RG-11	Black	-	SNSUNI	SNS1P11H	-	-

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



Molded AV Assembly Solutions

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

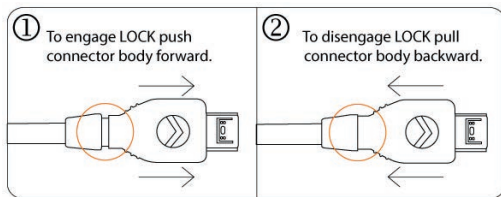
Patented PerfectPath™ Locking High Speed HDMI stays connected with up to 11 kg of retention in the port. To engage the lock, push the connector body forward. To disengage, pull connector body backward.



Perfect Path™ Locking HDMI – 800 Series

	Description	Belden Part Number
	High Speed HDMI w/ PerfectLock™ Connectors, 2 ft., 0.6 m	HD-800-2
	High Speed HDMI w/ PerfectLock™ Connectors, 4 ft., 1.2 m	HD-800-4
	High Speed HDMI w/ PerfectLock™ Connectors, 8 ft., 2.4 m	HD-800-8
	High Speed HDMI w/ PerfectLock™ Connectors, 16 ft., 4.8 m	HD-800-16
	High Speed HDMI w/ PerfectLock™ Connectors, 25 ft., 7.6 m	HD-800-25
	High Speed HDMI w/ PerfectLock™ Connectors, 35 ft., 10.7 m	HD-800-35
	High Speed HDMI w/ PerfectLock™ Connectors, 50 ft., 15.2 m	HD-800-50

Features Perfect Lock™ locking connectors with 11 kg retention.



High Speed HDMI

	Description	Belden Part Number
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 1 m	HDE001MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 1.5 m	HDE002MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 3 m	HDE003MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 5 m*	HDE005MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 7 m*	HDE007MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 10 m*	HDE010MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 15 m*	HDE015MB
	High Speed HDMI with Ethernet Channel, 3D and UHD/4K ready, 20 m*	HDE020MB

* Assemblies over 5 meters are active and directional.

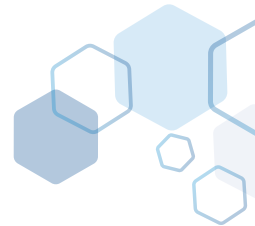
Mini HDMI to Standard HDMI

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


Micro HDMI to Standard HDMI

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


Be certain.




Dual Link DVI-D

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


Single Link DVI-D

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

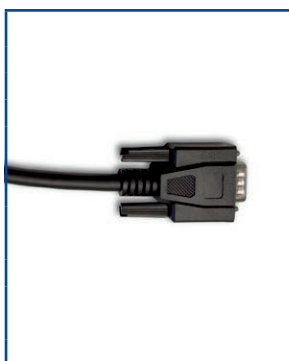
Dual Link DVI-I

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

Single Link DVI-I

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

Standard VGA

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

Fiber Structured Cabling Solutions


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

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

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

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


Distribution/Mini-Breakout Cables

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

OS2	OM3	OM4
A	D	E

Where x is replaced by:

Central Loose Tube Cables

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

OS2	OM3	OM4
8	D	E

Where x is replaced by:

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

Be certain.



Tactical Fiber Cables

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	AX105203-B25	AX105202-B25	AX105252-B25	AX105208-B25	AX105207-B25	AX105253-B25
6 Fiber Tight Buffer	GNMTx06	GMTTx06	GMRTx06						
8 Fiber Tight Buffer	GNMTx08	GMTTx08	GMRTx08						
12 Fiber Tight Buffer	GNMTx12	GMTTx12	GMRTx12						
24 Fiber Tight Buffer	GNMTx24	GMTTx24	GMRTx24						

OS2	OM3	OM4
A	D	E

Where x is replaced by:

FiberExpress (FX) Field Termination Connectors

Brilliant in design and universal in implementation, FX Brilliance Universal no-epoxy, no-polish, no-crimp field-installable connectors make fiber field termination faster, easier and better with our industry-leading design.



FX Brilliance Universal Mechanical Connectors

Description	Brilliance Connector Part Number			
	Multimode, OM3	Multimode, OM4	Singlemode, OS2	Singlemode, OS2/APC
LC with 900 µm Boot, 1/Pack	AX105202-B25	AX105252-B25	AX105203-B25	—
SC with 900 µm Boot, 1/Pack	AX105207-B25	AX105253-B25	AX105208-B25	AX105209-B25

FX Brilliance Accessories

Description	Belden Part Number
Precision Install Kit	AX104271
Precision Cleaver	AX104286
Fiber/Cable Stripper	AX103151
Support Handle with Adapters	AX104276
Visual Fault Locator (VFL-125) LC-LC Adapter Cord	AX203567
Visual Fault Locator (VFL-250) SC-SC Adapter Cord (valid for ST also)	AX203569

Belden's FX Fusion connectors enable splice-on technology. They combine the benefits of fusion splicing with the simplicity of a field-installable connector to expand your options for field-termination and improve installation performance and reliability over mechanical splice connectors. No crimping, polishing, or adhesives are required for termination, minimizing installation errors.



FX Fusion Splice-On Connectors

Description	FX Fusion Connector Part Number				
	Multimode, OM1	Multimode, OM3/OM4	Multimode, OM4 - Erika Violet	Singlemode, OS2	Singlemode, OS2/APC
LC with 900 µm Boot, 1/Pack	FT1LC900FS01	FT3LC900FS01	FT4LC900FS01	FTSLC900FS01	FTSLB900FS01
SC with 900 µm Boot, 1/Pack	FT1SC900FS01	FT3SC900FS01	FT4SC900FS01	FTSSC900FS01	FTSSB900FS01

FX Fusion Accessories

Description	Belden Part Number
FX Fusion Splicer Kit	FXFSTOSPL
Precision Tool Kit	FXFSTOPTK
Standard Tool Kit	FXFSTOSTK
Precision Cleaver	FXFSTOPCL
Standard Cleaver	FXFSTOSCL
Splice Holder Family 1	FXFSSHFM1*
Splice Holder Family 2	FXFSSHFM2
Slitter for Jacketed Fiber	FXFSTOSLT

*FXFSSHFM1 Holder compatible with Fujikura 60S, Fujikura 70S, Sumitomo Q101, among many others. Visit www.belden.com/splice-on for more details.

Fiber-Optic Cabling Systems

FiberExpress (FX) Enterprise Closet X (ECX)

Belden's new FX ECX System is an elegant, intuitive and flexible solution that has been designed to maximize installer flexibility when compared to industry-leading solutions. FX ECX has been optimized for LAN environments, and provides an easy-to-deploy, efficient solution for installers.

FX ECX Housings

Description	Max Capacity	Belden Part Number
1U Housing	2 Cassettes or Frames	ECX-01U
2U Housing	4 Cassettes or Frames	ECX-02U
4U Housing	12 Cassettes or Frames	ECX-04U

FX ECX Kits/Accessories

Description	Belden Part Number
3 Inch Bracket Mount (4U)	ECX-BRKTMT-3
Flush Bracket Mount (4U)	ECX-BRKTMT-0
Lock Kit (1U/2U/4U)	ECX-LOCKKIT

Additional resources available, see belden.com/ecx for more information.

FX ECX Standard Splice Cassettes

Description	Belden Part Number			
	OM3 Aqua Adapters	OM4 Erika Violet Adapters	OS2 Blue Adapters	OS2 APC Green Adapters
LC Duplex				
12 (24)	FC3X12LDFS	FC4X12LDFS	FCSX12LDFS	FCSX12LAFS
SC Duplex				
06 (12)	FC3X06SDFS	FC4X06SDFS	FCSX06SDFS	FCSX06SAFS

Please see table below for more adapter/port count options!

To use the configuration matrices, make a selection from each category and combine to form a custom part number. See examples below.

Part number example from configuration shown below:

FCSX06SCFS

FX ECX Tailored Splice Cassettes

FC	S	X	06	SC	FS
	Fiber Type	Family	Port Count (Patch Side)	Connector (Patch Side)	Connector (Trunk Side)
	1 OM1	X ECX	03 3 ports	LD LC Duplex	FS Splice Cassette
	3 OM3		06 6 ports	LA LC Duplex APC	
	4 OM4		08 8 ports	SD SC Duplex	
	S OS2		12 12 ports	SC SC Simplex	
				SA SC Duplex APC	
				SB SC Simplex APC	
				ST ST	

FX ECX Standard Frames/Adapter Strips

Description	Belden Part Number			
Patch Ports (fibers)	OM3 Aqua Adapters	OM4 Erika Violet Adapters	OS2 Blue Adapters	OS2 APC Green Adapters
LC Duplex				
12 (24)	FF3X12LD	FF4X12LD	FFSX12LD	FFSX12LA
SC Duplex				
06 (12)	FF3X06SD	FF4X06SD	FFSX06SD	FFSX06SA

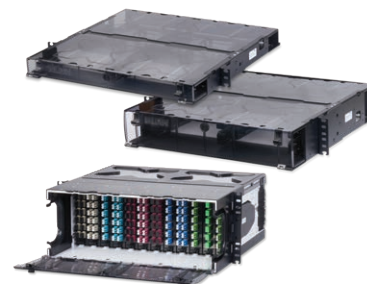
Please see table below for more adapter/port count options!

Part number example from configuration shown below:

FFSX06SC

FX ECX Tailored Frame Options

FF	S	X	06	SC
	Fiber Type	Family	Port Count (Patch Side)	Connector (Patch Side)
	1 OM1	X ECX	03 3 ports	LD LC Duplex
	3 OM3		06 6 ports	LA LC Duplex APC
	4 OM4		08 8 ports	SD SC Duplex
	S OS2		12 12 ports	SC SC Simplex
			16 16 ports	SA SC Duplex APC
				SB SC Simplex APC
				ST ST



Standard Pigtail Kits (Connector on 900 µm Fiber)

Description	Belden Part Number		
	OM3	OM4	OS2
Set of 12 Colored LC Pigtails, 2 m long	GT-39LC002MR12	GT-49LC002MR12	GT-S9LC002MR12
Set of 12 Colored LC Pigtails, 2 m long	GT-39SC002MR12	GT-49SC002MR12	GT-S9SC002MR12

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

Be certain.



FiberExpress®@EASE Trunk Assemblies and Patch Cords

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

FiberExpress®@EASE Patch Cords

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

Description	Length (m)	Belden Part Number		
		OM3 Aqua	OM4 Erika Violet	OS2 Yellow
MPO-12(f) to MPO-12(f) - LSZH	2	GP-37MFMF002MB	GP-47MFMF002MB	-
	5	GP-37MFMF005MB	GP-47MFMF005MB	-
LC Duplex to LC Duplex - LSZH	2	GP-32LDLD002MX	GP-42LDLD002MX	GP-S2LDLD002MX
	5	GP-32LDLD005MX	GP-42LDLD005MX	GP-S2LDLD005MX
SC Duplex to SC Duplex - LSZH	2	GP-32SDSD002MX	GP-42SDSD002MX	GP-S2SDSD002MX
	5	GP-32SDSD005MX	GP-42SDSD005MX	GP-S2SDSD005MX

FiberExpress®@EASE Hydra Patch Cords

Description	Length (m)	Belden Part Number		
		OM3 Aqua	OM4 Erika Violet	OS2 Yellow
MPO-12(M) to LC Duplex, LSZH, SR4/PSM4 polarity	2	GP-37MMLD002M4	GP-47MMLD002M4	GP-S7MMLD002M4
	3	GP-37MMLD003M4	GP-47MMLD003M4	GP-S7MMLD003M4
	5	GP-37MMLD005M4	GP-47MMLD005M4	GP-S7MMLD005M4
MPO-12(M) to LC Duplex, LSZH, SR4/PSM4 polarity	2	GP-37MFLD002M4	GP-47MFLD002M4	GP-S7MFLD002M4
	3	GP-37MFLD003M4	GP-47MFLD003M4	GP-S7MFLD003M4
	5	GP-37MFLD005M4	GP-47MFLD005M4	GP-S7MFLD005M4

FiberExpress®@EASE MPO Trunk Cables

Description	Length (m)	Belden Part Number		
		OM3 Aqua	OM4 Erika Violet	OS2 Yellow
MPO-12(F) to MPO-12(F), LSZH, Polarity Type B	10	G-3LMFMF010MB	G-4LMFMF010MB	G-SLMFMF010MB
	30	G-3LMFMF030MB	G-4LMFMF030MB	G-SLMFMF030MB
MPO-12(M) to MPO-12(M), LSZH, Polarity Type B	10	G-3LMMMM010MB	G-4LMMMM010MB	G-SLMMMM010MB
	30	G-3LMMMM030MB	G-4LMMMM030MB	G-SLMMMM030MB

Belden Power Distribution Units (PDUs)

Cabinet Power Distribution Units (PDUs)

The extensive selection of data center PDU power products includes solutions such as upgradeable power distribution units, monitoring sensors and low profile breakers. Whether in need of basic products, or monitored power to help prevent circuits from overloading, a comprehensive range enables a suited solution for every situation.

Basic PDUs

Basic PDUs offer reliable power distribution to the cabinet to help manage power capacity and increase functionality. Get instant power usage feedback by adding a local display to avoid overloads and costly downtime.

Monitored PDUs

Power monitoring provides a comprehensive view of power usage in a data center. The local display, combined with remote power monitoring, offer quick access to the PDU's current, volts, real power, apparent power, power factor, and kilowatt hours.

Optional Remote Sensing enables amongst others temperature, air flow and other environmental condition monitoring.

Metered PDUs

Improve reliability, energy efficiency, and prevent crippling downtime caused by overloads using Metered PDUs. Equipped with local digital displays, our Metered PDUs provide power consumption metrics instantly.

Switched PDUs

Switched PDUs offer the ability to monitor data locally and remotely and disable individual power outlets, as necessary. Disable problem equipment by cutting power to specific outlets and reboot equipment remotely by cycling power.

Optional Remote Sensing enables amongst others temperature, air flow and other environmental condition monitoring.

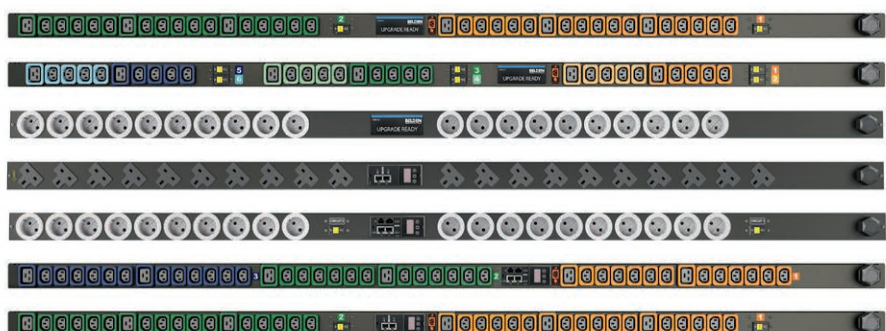


Detailed of Monitored PDU with remote sensing option



Functionality Matrix

Feature	Basic	Metered	Monitored	Switched		
Power Distribution	•	•	•	•		
Current Meter(s)		•	•	•		
VLC Enabled		•	•			
Network Interface			•	•		
Environmental Monitoring			Optional	Optional		
Outlet-Level Monitoring			Optional	Optional		
Outlet-Level Switching				•		
Upgradeable	•	•	•			
U-Lock Outlets	•	•	•			
1U and Zero U Configurations	•	•	•	•		
Color Coded PDUs	■	■	■	■	■	(Standard color is Black)



Be certain.



Ordering Information

Basic PDU

Part Number	Category	Sub Category	Volts	Amps	Plug Form	Configuration	Receptacle Qty 1	Receptacle Type 1	Receptacle Qty 2	Receptacle Type 2	Breaker	Color
Basic												
PDU-3044	Basic	Standard	230V	16A	2P+E (IP44)	Horizontal/Vertical	8	IEC C13	0	0	No	Black
PDU-10402	Basic	Standard	230V	13A	BS1363	Horizontal	8	BS1363	0	0	No	Black
PDU-10515	Basic	Standard	230V	32A	2P+E (IP44)	Vertical	20	IEC C13	4	IEC C19	Yes	Black
PDU-10813	Basic	Standard	230V	16A	Schuko	Horizontal	6	German Schuko	0	0	No	Black



Metered PDU

Metered												
PDU-10670	Metered	Standard	230V	13A	BS1363	Vertical	10	BS1363			No	Black
PDU-10470	Metered	Standard	230V	16A	2P+E (IP44)	Horizontal	12	IEC C13	4	IEC C19	No	Black
PDU-10444	Metered	Standard	230V	16A	2P+E (IP44)	Vertical	12	BS1363			No	Black
PDU-2643	Metered	Standard	230V	32A	2P+E (IP44)	Vertical	24	IEC C13	6	IEC C19	Yes	Black



Power Monitoring PDU

Monitored Outlet Level												
PDU-11245	Monitored	Outlet Level	230V	32A	2P+E (IP44)	Vertical	18	Locking IEC C13	6	Locking IEC C19	Yes	Black
PDU-10940	Monitored	Outlet Level	230/400V WYE	32A	3P+N+E (IP44)	Vertical	12	Locking IEC C13	12	Locking IEC C19	Yes	Black



Switched PDUs

Part Number	Category	Sub Category	Volts	Amps	Plug Form	Configuration	Receptacle Qty 1	Receptacle Type 1	Receptacle Qty 2	Receptacle Type 2	Breaker	Color
Switched Unit Level												
PDU-10776	Switched	Unit Level Monitoring	230V	16A	2P+E (IP44)	Vertical	20	Locking IEC C13	4	Locking IEC C19	No	Black
PDU-11246	Switched	Unit Level Monitoring	230V	32A	2P+E (IP44)	Vertical	20	Locking IEC C13	4	Locking IEC C19	Yes	Black
PDU-8421	Switched	Unit Level Monitoring	230/400V WYE	16A	3P+N+E (IP44)	Vertical	21	Locking IEC C13	3	Locking IEC C19	No	Black
PDU-8422	Switched	Unit Level Monitoring	230/400V WYE	32A	3P+N+E (IP44)	Vertical	21	Locking IEC C13	3	Locking IEC C19	Yes	Black
Outlet Level												
PDU-10820	Switched	Outlet Level Monitoring	230V	16A	2P+E (IP44)	Vertical	20	Locking IEC C13	4	Locking IEC C19	No	Black
PDU-8426	Switched	Outlet Level Monitoring	230/400V WYE	32A	3P+N+E (IP44)	Vertical	21	Locking IEC C13	3	Locking IEC C19	Yes	Black


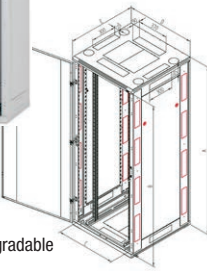

Rack and Enclosure Systems

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

Key features include:

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

Free Standing Enclosures

Cabinet Type	Width	Depth	Height	Belden Part Number	Description	
 <p>ESN Server Networking 1200 kg load capacity</p>  <p>ESN Cabinet Upgradable to 1500 kg</p>	600 mm	800 mm	32RU	ESN3268PVCC2B	Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout	
			37RU	ESN3768PVCC2B		
			42RU	ESN4268PVCC2B		
		1000 mm	42RU	ESN4268NNCC0B	Black, 19" mounting, no doors and no sides	
			42RU	ESN4261PVCC2B		
			45RU	ESN4561PVCC2B		
	800 mm	1200 mm	45RU	ESN4562PVCC2B	Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout	
			47RU	ESN4762PVCC2B		
			42RU	ESN4288PVCC2B		
		800 mm	1000 mm	42RU	ESN4288NNCC0B	Black, 19" mounting, no doors and no sides
				42RU	ESN4281PVCC2B	
			1200 mm	45RU	ESN4581PVCC2B	Black, 19" mounting, Perforated single front and double rear doors with side panels and cable entry with fanunit knockout
				45RU	ESN4582PVCC2B	
	800 mm	1200 mm	47RU	ESN4782PVCC2B	ESN 800 mm Wide version can be upgraded to 1500 kg by ordering reinforcement kit	
42RU			EDASR042			
45RU			EDASR045			
 <p>EWR Wall Mount Enclosure</p>	600 mm	395 mm	6RU	EWR06-4GX-F-B	Wall mount enclosures with removable sides for easy access	
		495 mm		EWR06-5GX-F-B		
		395 mm	12RU	EWR12-4GX-F-B		
		495 mm		EWR12-5GX-F-B		
		595 mm		EWR12-6GX-F-B		
		495 mm		EWR18-5GX-F-B		

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

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RV5MJKUBL-S1	10	RVAMJKUAL-B24	10		
RV5MJKUBR-B24	10	RVAMJKUAL-S1	10		
RV5MJKUBR-S1	10	RVAMJKUBK-B24	5, 10		
RV5MJKUEW-B24	10	RVAMJKUBK-S1	10		
RV5MJKUEW-S1	10	RVAMJKUBL-B24	5		
RV5MJKUGN-B24	10	RVAMJKUBL-B24	10		
RV5MJKUGN-S1	10	RVAMJKUBL-S1	10		
RV5MJKUGY-B24	10	RVAMJKUBR-B24	10		
RV5MJKUGY-S1	10	RVAMJKUBR-S1	10		
RV5MJKUIV-B24	10	RVAMJKUEW-B24	5, 10		
RV5MJKUIV-S1	10	RVAMJKUEW-S1	10		
RV5MJKUOR-B24	10	RVAMJKUGN-B24	10		
RV5MJKUOR-S1	10	RVAMJKUGN-S1	10		
RV5MJKUPR-B24	10	RVAMJKUGY-B24	10		
RV5MJKUPR-S1	10	RVAMJKUGY-S1	10		
RV5MJKURD-B24	10	RVAMJKUIV-B24	10		
RV5MJKURD-S1	10	RVAMJKUIV-S1	10		
RV5MJKUYL-B24	10	RVAMJKUOR-B24	10		

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