



Safely carry low-voltage power and data across long distances to remote locations

FiberExpress (FX) Hybrid Copper-Fiber Cables allow end-users to take advantage of DC power and fiber in one cable to safely deliver low-voltage power and data over long distances to remote locations where standard power is unavailable or too costly to install. Hybrid cable technology offers installation and labor savings by requiring just a single cable pull. Various cable constructions offer unlimited application flexibility.



BENEFITS

- Deliver more power across much longer distances than Power over Ethernet (PoE)
- Bring power and data to low-voltage applications across long distances
- Reduce inventory by stocking and managing one cable vs. two cables
- Pull a single cable vs. two cables, reducing labor costs and installation time



FEATURES

- Fiber and copper combined in a single cable for data and power delivery
- Flexible design for indoor or indoor/outdoor (plenum and riser) applications
- Easy ordering and cable identification; allows for tailored products with specific conductor, fiber strand, color or length requirements

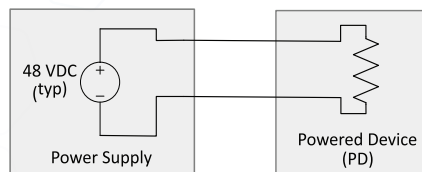


KEY APPLICATIONS

- DAS
- Entrance space
- Ethernet
- Field-term
- POL/PON
- Pre-term
- Telecommunications room
- Professional AV

Remote Power Delivery Systems

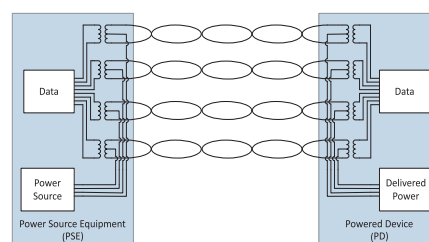
DC Systems



Low-Medium Power (15-100W)
Medium Distance (up to 1000 m)

Belden Solutions:
New Gen + Fiber Cable
Hybrid Cable
Fiber Connectivity

PoE



Low-Medium Power (15-100W max)
Short Distance (100 m max)

Belden Solutions:
Category Cable
REVConnect®

Ordering Information

Standard FX Hybrid Copper-Fiber Cables

# Conductors x AWG	Belden Part Number					
	OM3		OM4		OS2	
	Breakout (2F)	Distribution (6F)	Breakout (2F)	Distribution (6F)	Breakout (2F)	Distribution (6F)
Indoor Plenum						
2 x 14	HI3B0020214PB	HI3D0060214PJ	HI4B0020214PB	HI4D0060214PJ	HISB0020214PB	HISD0060214PJ
2 x 16	HI3B0020216PB	HI3D0060216PJ	HI4B0020216PB	HI4D0060216PJ	HISB0020216PB	HISD0060216PJ
2 x 18	HI3B0020218PB	HI3D0060218PJ	HI4B0020218PB	HI4D0060218PJ	HISB0020218PB	HISD0060218PJ
Indoor Plenum AIA						
2 x 14	HI3B0020214AB	HI3D0060214AJ	HI4B0020214AB	HI4D0060214AJ	HISB0020214AB	HISD0060214AJ
2 x 16	HI3B0020216AB	HI3D0060216AJ	HI4B0020216AB	HI4D0060216AJ	HISB0020216AB	HISD0060216AJ
2 x 18	HI3B0020218AB	HI3D0060218AJ	HI4B0020218AB	HI4D0060218AJ	HISB0020218AB	HISD0060218AJ
Indoor/Outdoor Plenum						
2 x 14	HD3B0020214PB	HD3D0060214PJ	HD4B0020214PB	HD4D0060214PJ	HDSB0020214PB	HSD0060214PJ
2 x 16	HD3B0020216PB	HD3D0060216PJ	HD4B0020216PB	HD4D0060216PJ	HDSB0020216PB	HSD0060216PJ
2 x 18	HD3B0020218PB	HD3D0060218PJ	HD4B0020218PB	HD4D0060218PJ	HDSB0020218PB	HSD0060218PJ
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2 x 14	HD3B0020214AB	HD3D0060214AJ	HD4B0020214AB	HD4D0060214AJ	HDSB0020214AB	HSD0060214AJ
2 x 16	HD3B0020216AB	HD3D0060216AJ	HD4B0020216AB	HD4D0060216AJ	HDSB0020216AB	HSD0060216AJ
2 x 18	HD3B0020218AB	HD3D0060218AJ	HD4B0020218AB	HD4D0060218AJ	HDSB0020218AB	HSD0060218AJ
Indoor Riser						
2 x 14	HI3B0020214RB	HI3D0020214RJ	HI4B0020214RB	HI4D0020214RJ	HISB0020214RB	HISD0020214RJ
2 x 16	HI3B0020216RB	HI3D0020216RJ	HI4B0020216RB	HI4D0020216RJ	HISB0020216RB	HISD0020216RJ
2 x 18	HI3B0020218RB	HI3D0020218RJ	HI4B0020218RB	HI4D0020218RJ	HISB0020218RB	HISD0020218RJ
Indoor Riser AIA						
2x14	HI3B0020214FB	HI3D0060214FJ	HI4B0020214FB	HI4D0060214FJ	HISB0020214FB	HISD0060214FJ
2x16	HI3B0020216FB	HI3D0060216FJ	HI4B0020216FB	HI4D0060216FJ	HISB0020216FB	HISD0060216FJ
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2 x 18	HD3B0020218RB	HD3D0060218RJ	HD4B0020218RB	HD4D0060218RJ	HDSB0020218RB	HSD0060218RJ
Indoor Riser LSZH						
2 x 14	HI3B0020214LB	HI3D0060214LJ	HI4B0020214LB	HI4D0060214LJ	HISB0020214LB	HISD0060214LJ
2 x 16	HI3B0020216LB	HI3D0060216LJ	HI4B0020216LB	HI4D0060216LJ	HISB0020216LB	HISD0060216LJ
2 x 18	HI3B0020218LB	HI3D0060218LJ	HI4B0020218LB	HI4D0060218LJ	HISB0020218LB	HISD0060218LJ
Indoor Riser LSZH AIA						
2 x 14	HI3B0020214CB	HI3I0060214CJ	HI4B0020214CB	HI4I0060214CJ	HISB0020214CB	HISI0060214CJ
2 x 16	HI3B0020216CB	HI3I0060216CJ	HI4B0020216CB	HI4I0060216CJ	HISB0020216CB	HISI0060216CJ
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Tailored FX Hybrid Copper-Fiber Cables Building a SmartPart Number

1. Choose FX Fiber Cable	2. Choose Fiber Type	3. Choose Family	4. Choose Fiber Count	5. Choose Conductor Count	6. Choose Copper Type	7. Choose Fire Rating	8. Choose Sub-Unit Type/Configuration																																								
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For an exhaustive selection, contact Belden customer service or your local Belden representative for more details.

Examples:

HISD0060214RJ - FX Hybrid Indoor, OS2, Distribution, 6 Fibers, 02 x 14 AWG, CL3R-OF, 4.5 mm Sub x 900 µm, Yellow Jacket

HI4D0020212PJ - FX Hybrid Indoor, OM4, Distribution, 2 Fibers, 02 x 12 AWG, CL3P-OF, 4.5 mm Sub x 900 µm, Erika Violet Jacket

For more information, call
1.800.BELDEN.1 (1.800.235.3361) or visit
www.belden.com/hybrid-cables