

FiberExpress Distribution Cables Tight Buffer — Indoor Riser & Plenum Rated

Fast installation, easy termination.
Sub-unitized cables provide easy routing
and 900 µm tight-buffered fiber supporter
fast and robust field-termination.

Applications:

- Horizontal distribution for Fiber-to-the-desk
- In-building backbone
- Factory floor automation
- Data Center EDA areas

Additional Options

- MSHA (Mining) Approvals

Indoor Specifications

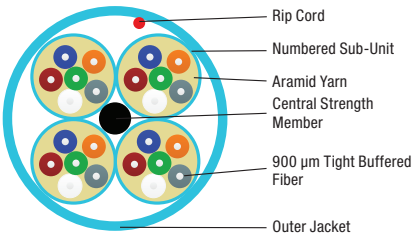
Bend Radius (vs. Cable OD)

Installation	15 x OD
Operation	10 x OD

Temperature Range

Storage	-40°C to 70°C (-40°F to 158°F)
Installation (Plenum/LSZH)	0°C to 60°C (32°F to 140°F)
Installation (Riser)	-10°C to 60°C (14°F to 140°F)
Operation (Plenum/LSZH)	0°C to 70°C (32°F to 158°F)
Operation (Riser)	-20°C to 70°C (-4°F to 158°F)

Legend



Compliance

- TIA/EIA-568-C.3
- ISO/IEC 11801, 2nd Edition
- Telcordia GR-409-CORE
- RoHS II 2011/65/EU
- REACH EC1907-2006
- NEC/CEC OFNR/OFN FT.4 (RISER - PVC)
- NEC/CEC OFNR/OFN FT.4 (LSZH - FRPE)
- NEC/CEC OFNP/OFN FT.6 (PLENUM - PVC or PVDF)
- ICEA S-83-596

Description	Construction	Fiber Count	Fiber	Sub-Unit OD	Cable OD		Weight		Tensile Strength			
					mm	in.	Kg/km	lb/1000 ft.	Operation		Installation	
Non-Unitized		2	900 µm TB	N/A	4.8	0.19	22	15	222	50	556	125
		4	900 µm TB	N/A	4.8	0.19	25	17	222	50	556	125
		6					31	21				
		8			5.8	0.23	36	24	334	75	667	150
		10					39	26				
		12					43	29				
Unitized 6-Fiber Sub-Units		16			8.8	0.35	64	43	556	125	1112	250
		24					80	54				
		24	900 µm TB	4.5	13.1	0.52	145	97	1001	225	2002	450
		36			16.0	0.63	221	148	1668	375	3336	750
		36			14.1	0.56	162	109	1001	225	2002	450
		48										
Unitized 12-Fiber Sub-Units		72		5.5	19.0	0.75	321	216	2002	450	4226	950
		96			22.8	0.90	536	360	2780	625	5560	1250
		144			25.4	1.00	602	404	4226	950	8452	1900

Above specifications provide a general representation for the product family. Improved specifications may exist for Riser, Plenum or LSZH constructions. Consult individual technical data sheets for exact specifications.

Faster.
Easier.
Better.



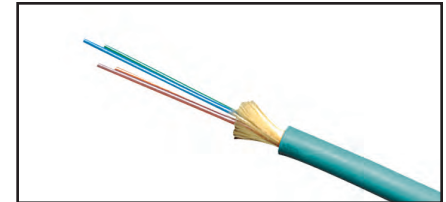
FiberExpress Distribution Cables (continued)

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Standard Indoor Configurations

Fiber Count	Belden Part Number			
	OM1 Orange	OM3 Aqua	OM4 Erika Violet	OS2 Yellow
Non-Unitized - Riser				
2	F1D002R9	F13D002R9	F14D002R9	F1SD002R9
6	F1D006R9	F13D006R9	F14D006R9	F1SD006R9
12	F1D012R9	F13D012R9	F14D012R9	F1SD012R9
24	F1D024R9	F13D024R9	F14D024R9	F1SD024R9
Non-Unitized - Plenum				
2	F1D002P9	F13D002P9	F14D002P9	F1SD002P9
6	F1D006P9	F13D006P9	F14D006P9	F1SD006P9
12	F1D012P9	F13D012P9	F14D012P9	F1SD012P9
24	F1D024P9	F13D024P9	F14D024P9	F1SD024P9
Unitized 6 Fiber subunits riser				
24	F1D024RJ	F13D024RJ	F14D024RJ	F1SD024RJ
Unitized 6 Fiber subunits plenum				
24	F1D024PJ	F13D024PJ	F14D024PJ	F1SD024PJ
Unitized 12 Fiber subunits plenum				
36	F1D036PK	F13D036PK	F14D036PK	F1SD036PK
48	F1D048PK	F13D048PK	F14D048PK	F1SD048PK
72	F1D072PK	F13D072PK	F14D072PK	F1SD072PK
96	F1D096PK	F13D096PK	F14D096PK	F1SD096PK
144	F1D144PK	F13D144PK	F14D144PK	F1SD144PK

For an exhaustive selection contact Belden customer service or your local Belden Representative for more details.



Optical Fiber Distribution Cable