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## FiberExpress Breakout Cables Tight Buffer — Indoor Riser, Plenum & LSZH Rated

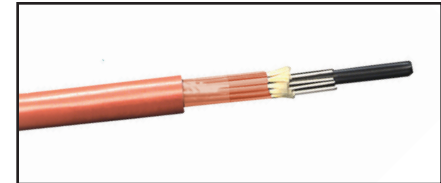
Robust terminations in demanding environments. All the ease of 900  $\mu\text{m}$  tight buffered termination with only one fiber per sub-unit enables the ultimate bond between the connector and the cables' Aramid yarns resulting in unmatched strength and durability.

### Applications:

- Horizontal distribution for Fiber-to-the-desk
- In-building backbone
- Factory floor automation
- Broadcast and A/V in-building installations

### Additional Options

- 2.5 mm and 2.9 mm Subunits
- MSHA (Mining) Approvals



Optical Fiber Breakout Cable

Description	Construction	Fiber Count	Fiber	Sub-Unit OD	Cable OD		Weight		Tensile Strength			
					mm	in.	Kg/km	lb/1000 ft.	Operation		Installation	
									N	lbs-f	N	lbs-f
Color-coded Sub-Units		2	900 $\mu\text{m}$ TB	2.0	6.6	0.26	36	24	400	90	800	180
		4	900 $\mu\text{m}$ TB	2.0	8.2	0.32	52	35	755	170	1535	345
		6	900 $\mu\text{m}$ TB	2.0	9.1	0.36	80	54	1025	230	2070	465
		8			10.3	0.41	103	69	1335	300	2670	600
		10			11.6	0.46	128	86				
		12			13.1	0.51	164	110				

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.

### Specifications

#### Bend Radius (vs. Cable OD)

Installation	15 x OD
Operation	10 x OD

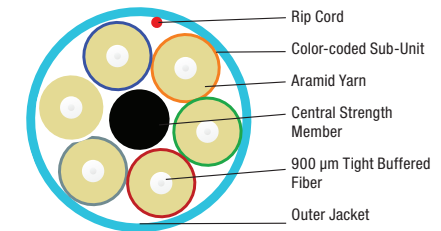
#### Temperature Range

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)

Fiber Count	Belden Part Number			
	OM1 Orange	OM3 Aqua	OM4 Erika Violet	OS2 Yellow
<b>Plenum</b>				
2	F1B002PB	F3B002PB	F4B002PB	F5B002PB
4	F1B004PB	F3B004PB	F4B004PB	F5B004PB
6	F1B006PB	F3B006PB	F4B006PB	F5B006PB
12	F1B012PB	F3B012PB	F4B012PB	F5B012PB
<b>LSZH/Riser</b>				
2	F1B002LB	F3B002LB	F4B002LB	F5B002LB
4	F1B004LB	F3B004LB	F4B004LB	F5B004LB
6	F1B006LB	F3B006LB	F4B006LB	F5B006LB
12	F1B012LB	F3B012LB	F4B012LB	F5B012LB

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

### 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