

Faster.
Easier.
Better.



FiberExpress Breakout Cables

Tight Buffer – Indoor Riser, Plenum & LSZH Rated

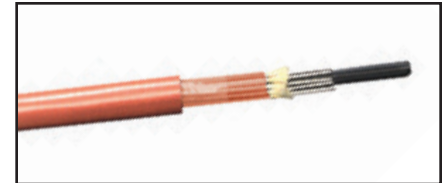
Robust terminations in demanding environments. All the ease of 900 μm tight buffered termination with only one fiber per sub-unit enables the ultimate bond between the connector and the cables' Aramid yarns resulting in unmatched strength and durability.

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	mm	in.	Kg/km	lb/1000 ft.	Operation		Installation	
										N	lbs-f	N	lbs-f
Color-coded Sub-Units		2	900 μm TB	2.0	6.6	0.26	36	24	400	90	800	180	
		4	900 μm TB	2.0	8.2	0.32	52	35	755	170	1535	345	
		6	900 μm TB	2.0	9.1	0.36	80	54	1025	230	2070	465	
		8			10.3	0.41	103	69					
		10			11.6	0.46	128	86	1335	300	2670	600	
12		13.1			0.51	164	110						
High-Count Non-Color-coded Sub-Units		18	900 μm TB	2.0	15.7	0.62	305	205	1335	300	2670	600	

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

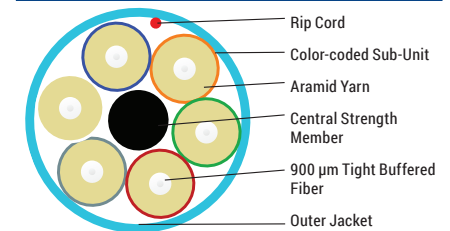
Bend Radius (vs. Cable OD)

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 (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



Standard Configurations

Fiber Count	Belden Part Number			
	OM1 Orange	OM3 Aqua	OM4 Aqua	OS2 Yellow
Plenum				
2	B9B013	B9C013	B9E013	B9W013
4	B9B014	B9C014	B9E014	B9W014
6	B9B015	B9C015	B9E015	B9W015
12	B9B018	B9C018	B9E018	B9W018
LSZH/Riser				
2	B9B130	B9C130	B9E130	B9W130
4	B9B131	B9C131	B9E131	B9W131
6	B9B132	B9C132	B9E132	B9W132
12	B9B135	B9C135	B9E135	B9W135

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

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)