

Faster.  
Easier.  
Better.



## FiberExpress Breakout Cables

Tight Buffer – Indoor Riser, Plenum & LSZH Rated

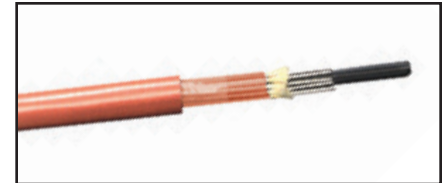
Robust terminations in demanding environments. All the ease of 900  $\mu\text{m}$  tight buffered termination with only one fiber per sub-unit enables the ultimate bond between the connector and the cables' Aramid yarns resulting in unmatched strength and durability.

### 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	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						
High-Count Non-Color-coded Sub-Units		18	900 $\mu\text{m}$ TB	2.0	15.7	0.62	305	205					1335

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

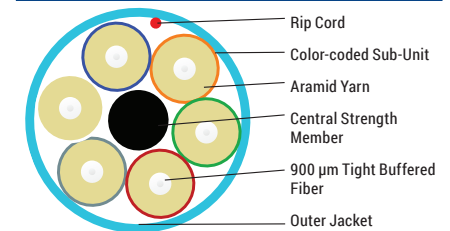
#### Bend Radius (vs. Cable OD)

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
<b>Plenum</b>				
2	B9B013	B9C013	B9E013	B9W013
4	B9B014	B9C014	B9E014	B9W014
6	B9B015	B9C015	B9E015	B9W015
12	B9B018	B9C018	B9E018	B9W018
<b>LSZH/Riser</b>				
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)