

Breakout Style Cables

Tight Buffer — Indoor Plenum Rated

Applications

- Low to medium fiber count requirements
- In-building backbone or horizontal deployment
- Office wiring
- Factory floor automation and harsh environment installations

Product Description

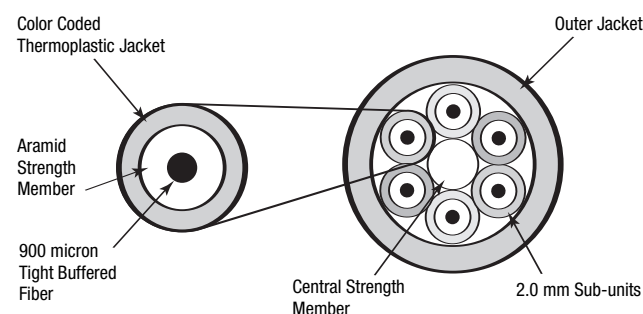
Full dielectric construction, no grounding required. Available with 2 to 36 fibers. Fiber subunits are color coded for easy identification. Length markings in meters for easy determination of cable length. For riser offering, MSHA approved cables are available.

Outer Jacket Material	
Riser & Plenum	PVC
Plenum	PVDF
Sub-unit Jacket Material	
Riser & Plenum	PVC
Tight Buffer	
Riser & Plenum	PVC
Strength Member	
	Aramid Yarn
Color Code (Tight Buffer)	
	Per EIA/TIA 598-A, see page 16.24
Jacket Color	
Single-mode	Yellow
62.5/125 μm	Orange (Green for LSZH only)
50/125 μm/1 Gbe	Orange
50/125 μm/10 Gbe	Aqua

Specifications

Temperature Range	
Storage	-40 to +80°C
Operating	-20 to +70°C
Crush Resistance (EIA-455-41)	
	2000 N/cm
Impact Resistance (EIA-455-25)	
	2000 Impacts @ 1.6 N-m
Cyclic Flexing (EIA-455-104)	
	2000 cycles, min.
Min. Bend Radius	
Installation	15xOD
Long term	10xOD
Optical Specifications	
	see page 16.24

Fiber Bundle Detail



Ratings

Plenum	
UL Type	OFNP
cUL Type	OFN FT6
Flame resistance	NFPA 262

No. of Fibers	Belden Part Number				Outside Diameter		Weight		Max. Install Load	
	62.5/125 μm Std./1 Gbe	50.0/125 μm Std./1 Gbe	50.0/125 μm 10 Gbe - 300M	Single-Mode Enhanced	inch	mm	lbs./1000'	kg/km	lbs.	N

Breakout Cable Series

Plenum (NEC/CEC OFNP/OFN FT6)										
No. of Fibers	Part Number	Part Number	Part Number	Part Number	Outside Diameter (inch)	Outside Diameter (mm)	Weight (lbs./1000')	Weight (kg/km)	Max. Install Load (lbs.)	Max. Install Load (N)
2	M9B013	M9A013	M9C013	M9W013	0.230	5.84	20	30	180	801
4	M9B014	M9A014	M9C014	M9W014	0.263	6.68	30	45	345	1535
6	M9B015	M9A015	M9C015	M9W015	0.309	7.85	41	61	465	2068
8	M9B016	M9A016	M9C016	M9W016	0.336	8.53	55	82	600	2700
10	M9B017	M9A017	M9C017	M9W017	0.385	9.78	73	109	600	2700
12	M9B018	M9A018	M9C018	M9W018	0.391	9.93	65	97	600	2700
18	M9B019	M9A019	M9C019	M9W019	0.456	11.58	89	132	600	2700
24	M9B020	M9A020	M9C020	M9W020	0.544	13.82	117	174	600	2700
36	M9B082	M9A082	M9C082	M9W082	0.612	15.54	154	229	600	2700

2.5 mm Breakout Cables are also available.