

B9B018 Fiber - Breakout Cable - Plenum

For more Information
please call

1-800-Belden1

**General Description:**

FiberExpress Breakout Cable with 2.0mm Subunits, 12-Fiber, OM1 OFNP, Tight Buffer, Indoor Rated with Orange Jacket, Breakout or fanout cables are designed for harsh environment installations and offer a high degree of flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Fiber Type:	62.5 Micron (OM1)
Number of Fibers:	12
Buffer Tube Material:	Thermoplastic
Breakout Element Diameter:	.0787

Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color:	Orange
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Strength Member

Strength Member Material:	Aramid Yarn
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Overall Cable

Overall Nominal Diameter:	0.450 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	0°C To +70°C
Bulk Cable Weight:	93 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	6.800 in.
Min. Bend Radius for Long Term Application:	4.500 in.
Max. Load for Installation:	100 lbs.
Max. Load for Long Term Application:	30 lbs.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP

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EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 12/17/2008

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL910 Steiner Tunnel

CSA Flame Test: FT6

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: No

Suitability - Aerial: No

Suitability - Burial: No

Sunlight Resistance: No

Plenum/Non-Plenum

Plenum (Y/N): Yes

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm: 3.5 dB/km

Maximum Attenuation @ 1300nm: 1.2 dB/km

Minimum Bandwidth @ 850nm: 200 MHz*km

Minimum Bandwidth @ 1300nm: 600 MHz*km

Maximum Gigabit Ethernet Length @ 850nm: 300 meters

Maximum Gigabit Ethernet Length @ 1300nm: 550 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

Related Documents:[Breakout Cable.pdf](#) - Breakout Cable technical information.**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B018	1 FT	0.113 LB	ORANGE		REPLACED BY FI1B012PB

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