

## B9C015 Fiber - Breakout Cable - Plenum



For more Information  
please call

1-800-Belden1



### Description:

FiberExpress Optical Fiber Breakout Cables are designed for low to medium fiber count in-building, harsh-environment installations. Breakout or fanout cables offer a high degree of flexibility for backbone and horizontal applications.

### Physical Characteristics (Overall)

<b>Fiber Type:</b>	50/125/900 Micron
<b>Number of Fibers:</b>	6
<b>Buffer Tube Material:</b>	Thermoplastic
<b>Breakout Element Diameter:</b>	.0787

#### Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White

#### Outer Jacket

Outer Jacket Material:

<b>Outer Jacket Material</b>
PVC - Polyvinyl Chloride

#### Strength Member

<b>Strength Member Material:</b>	Aramid Yarn
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#### Overall Cable

<b>Overall Nominal Diameter:</b>	0.280 in.
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### Mechanical Characteristics (Overall)

<b>Storage Temperature Range:</b>	-40°C To +75°C
<b>Installation Temperature Range:</b>	0°C To +75°C
<b>Operating Temperature Range:</b>	0°C To +75°C
<b>Bulk Cable Weight:</b>	37 lbs/1000 ft.
<b>Min. Bend Radius/Minor Axis:</b>	6.300 in.
<b>Min. Bend Radius for Long Term Application:</b>	4.200 in.
<b>Max. Load for Installation:</b>	674 lbs.
<b>Max. Load for Long Term Application:</b>	337 lbs.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	OFNP
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CEC/C(UL) Specification: OFNP

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: 3.0 dB/km

Maximum Attenuation @ 1300nm: 1.2 dB/km

Minimum Bandwidth @ 850nm: 1500 MHz\*km

Minimum Bandwidth @ 1300nm: 500 MHz\*km

Maximum Gigabit Ethernet Length @ 850nm: 1000 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	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple
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
B9C015	1 FT	0.045 LB	AQUA		BO2.0 6F OM3 OFNP TB

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