



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)

<b>Fiber Type:</b>	62.5 Micron (OM1)
<b>Number of Fibers:</b>	12
<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
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

### Outer Jacket

#### Outer Jacket Material:

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

**Outer Jacket Color:** Orange

### Strength Member

**Strength Member Material:** Aramid Yarn

### Overall Cable

**Overall Nominal Diameter:** 11.430 mm

## Mechanical Characteristics (Overall)

<b>Storage Temperature Range:</b>	-40°C To +75°C
<b>Installation Temperature Range:</b>	0°C To +60°C
<b>Operating Temperature Range:</b>	0°C To +70°C
<b>Bulk Cable Weight:</b>	138.403 Kg/Km
<b>Min. Bend Radius/Minor Axis:</b>	172.720 mm
<b>Min. Bend Radius for Long Term Application:</b>	114.300 mm

Max. Load for Installation: 444.820 N

Max. Load for Long Term Application: 133.446 N

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: OFNP

CEC/C(UL) Specification: OFNP

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
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## 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 F11B012PB

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