

B9C015 Fiber - Breakout Cable - Plenum

For more Information
please call

1-800-Belden1

**General Description:**

FiberExpress Breakout Cable with 2.0mm Subunits, 6-Fiber, OM3 OFNP, Tight Buffer, Indoor Rated with Aqua 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:	50/125/900 Micron
Number of Fibers:	6
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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color: Aqua

Strength Member

Strength Member Material: Aramid Yarn

Overall Cable

Overall Nominal Diameter: 7.849 mm

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:	61.016 Kg/Km
Min. Bend Radius/Minor Axis:	116.840 mm
Min. Bend Radius for Long Term Application:	78.740 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**

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NEC/(UL) Specification:	OFNP
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CEC/C(UL) Specification:	OFNP
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	12/17/2008
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL910 Steiner Tunnel
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CSA Flame Test:	FT6
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Suitability

Suitability - Indoor:	Yes
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Suitability - Outdoor:	No
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Suitability - Aerial:	No
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Suitability - Burial:	No
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Sunlight Resistance:	No
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.0 dB/km
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Maximum Attenuation @ 1300nm:	1.2 dB/km
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Minimum Bandwidth @ 850nm:	1500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	1000 meters
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Maximum Gigabit Ethernet Length @ 1300nm:	550 meters
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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:

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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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