

**B9B015 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>	62.5/125/900 Micron
<b>Number of Fibers:</b>	6
<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:

Outer Jacket Material
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 (Install)/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
<b>CEC/C(UL) Specification:</b>	OFNP

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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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Non-Plenum Number:	B9B007
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	3.5 dB/km
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Maximum Attenuation @ 1300nm:	1.2 dB/km
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Minimum Bandwidth @ 850nm:	200 MHz*km
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Minimum Bandwidth @ 1300nm:	600 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	300
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Maximum Gigabit Ethernet Length @ 1300nm:	550
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**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
B9B015	1 FT	0.000	ORANGE		6G2 2MM BO PLN ORG

## B9B015 Fiber - Breakout Cable - Plenum

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