

**B9W015 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>	SM
<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:

Outer Jacket Material
PVC - Polyvinyl Chloride

**Strength Member**

<b>Strength Member Material:</b>	Aramid Yarn
----------------------------------	-------------

**Overall Cable**

<b>Overall Nominal Diameter:</b>	0.280 in.
----------------------------------	-----------

**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
--------------------------------	------

**B9W015 Fiber - Breakout Cable - Plenum**

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 &amp; 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 @ 1300nm: .5 dB/km

Maximum Attenuation @ 1550nm: .5 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000

**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
B9W015	1 FT	0.045 LB	YELLOW		6SM 2MM BO PLN YEL

## B9W015 Fiber - Breakout Cable - Plenum

Revision Number: 1    Revision Date: 06-18-2009

© 2012 Belden, Inc.  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.