



For more Information  
please call

1-800-Belden1



## General Description:

FiberExpress Breakout Cable with 2.0mm Subunits, 6-Fiber, OS2 OFNP, Tight Buffer, Indoor Rated with Yellow 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:	SM
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:	Yellow
---------------------	--------

### 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

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

## METRIC MEASUREMENT VERSION

## B9W015 Fiber - Breakout Cable - Plenum

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 @ 1310nm: .5 dB/km

Maximum Attenuation @ 1550nm: .5 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000 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

## 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		REPLACED BY FISB006PB

Revision Number: 3 Revision Date: 08-12-2014

© 2017 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 2014/35/EU).

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[B9W015](#)