



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
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### Strength Member

Strength Member Material:	Aramid Yarn
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### Overall Cable

Overall Nominal Diameter:	0.309 in.
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### 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:	41 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	4.600 in.
Min. Bend Radius for Long Term Application:	3.100 in.
Max. Load for Installation:	100 lbs.
Max. Load for Long Term Application:	30 lbs.

### 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

## 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 & Cable):	Yes
MIL 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
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### 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

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