



For more Information  
please call

1-800-Belden1



## General Description:

FiberExpress Breakout Cable with 2.0mm Subunits, 12-Fiber, OS2 OFNR, 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)

<b>Fiber Type:</b>	SM, (OS2)
<b>Number of Fibers:</b>	12
<b>Mode Field Diameter @ 1310nm:</b>	9.2
<b>Clad Diameter:</b>	125
<b>Primary Coating Diameter:</b>	250
<b>Secondary Coating Diameter:</b>	900
<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
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

## Outer Jacket

Outer Jacket Material:

<b>Outer Jacket Material</b>
PVC - Polyvinyl Chloride

<b>Outer Jacket Color:</b>	Yellow
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## Strength Member

<b>Strength Member Material:</b>	Aramid Yarn
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## Overall Cable

<b>Overall Nominal Diameter:</b>	13.056 mm
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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 +70°C

Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	163.702 Kg/Km
Min. Bend Radius/Minor Axis:	195.580 mm
Min. Bend Radius for Long Term Application:	129.540 mm
Max. Load for Installation:	667.230 N
Max. Load for Long Term Application:	200.169 N

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
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
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
MII Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1666 Riser
CSA Flame Test:	FT4

### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Aerial:	No
Suitability - Burial:	No
Sunlight Resistance:	No

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	.8 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
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