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1-800-Belden1



General Description:

FiberExpress Breakout Cable with 2.0mm Subunits, 6-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)

Fiber Type:	SM, (OS2)
Number of Fibers:	6
Mode Field Diameter @ 1310nm:	9.2
Clad Diameter:	125
Primary Coating Material:	250
Secondary Coating Diameter:	900
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: 9.093 mm

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Installation Temperature Range:	0°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	80.363 Kg/Km
Min. Bend Radius/Minor Axis:	152.400 mm
Min. Bend Radius for Long Term Application:	101.600 mm

B9W007 Fiber - Breakout Cable - Riser

Max. Load for Installation:	667.230 N
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Max. Load for Long Term Application:	200.169 N
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNR
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CEC/C(UL) Specification:	OFN
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EU Directive 2011/65/EU (ROHS II):	Yes
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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:	FT4
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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):	No
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Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	.8 dB/km
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Maximum Attenuation @ 1550nm:	.5 dB/km
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Maximum Gigabit Ethernet Length @ 1300nm:	5000 meters
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Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

Related Documents:

[Breakout Cable.pdf](#) - Breakout Cable technical information.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W007	1 FT	0.074 LB	YELLOW		REPLACED BY FISB006RB

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