



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Breakout Cable with 2.0mm Subunits, 2-Fiber, OM1 OFNR-Zero Halogen, Tight Buffer, Indoor Rated with Orange 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:	62.5 Micron (OM1)
Number of Fibers:	2
Core Diameter:	62.5
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Diameter:	900
Breakout Element Diameter:	.0787

Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color: Orange

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cable

Overall Nominal Diameter: 0.260 in.

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	0°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	24 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	3.900 in.
Min. Bend Radius for Long Term Application:	2.600 in.
Max. Load for Installation:	150 lbs.
Max. Load for Long Term Application:	45 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

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:	UL1666 Vertical Riser
C(UL) Flame Test:	FT4
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):	No
Plenum Number:	B9B013

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B005	1 FT	0.035 LB	ORANGE		REPLACED BY F11B002RB

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