



For more Information
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1-800-Belden1



General Description:

FiberExpress Breakout Cable with 2.0mm Subunits, 12-Fiber, OM3 OFNP, Tight Buffer, Indoor Rated with Aqua 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:	50 Micron (OM3)
Number of Fibers:	12
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
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color:	Aqua
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Strength Member

Strength Member Material:	Aramid Yarn
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Overall Cable

Overall Nominal Diameter:	11.430 mm
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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:	138.403 Kg/Km
Min. Bend Radius/Minor Axis:	172.720 mm
Min. Bend Radius for Long Term Application:	114.300 mm

B9C018 Fiber - Breakout Cable - Plenum

Max. Load for Installation:	444.820 N
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Max. Load for Long Term Application:	133.446 N
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNP
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CEC/C(UL) Specification:	OFNP
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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:	FT6
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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):	Yes
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Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.0 dB/km
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Maximum Attenuation @ 1300nm:	1.2 dB/km
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Minimum Bandwidth @ 850nm:	1500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	1000 meters
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Maximum Gigabit Ethernet Length @ 1300nm:	550 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
7	Red
8	Black
9	Yellow
10	Violet
11	Rose

12	Aqua
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Related Documents:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C018	1 FT	0.113 LB	AQUA		REPLACED BY FI3B012PB

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