

B9C830 Fiber - All Dielectric Cable - In/Outdoor LSZH Riser



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Single Jacket-All Dielectric Cable, 6-Fiber, OM3 OFNR-Zero Halogen, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

Physical Characteristics (Overall)

Fiber Type:	50 Micron (OM3)
Number of Fibers:	6
Core Diameter:	50
Clad Diameter:	125
Buffer Tube Material:	Thermoplastic
Buffer Tube Filling Material:	Gel

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
FRPE - Flame Retardant Polyethylene

Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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Overall Cable

Overall Nominal Diameter:	0.380 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Installation Temperature Range:	-30°C To +70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	71 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	7.600 in.
Min. Bend Radius for Long Term Application:	5.700 in.
Max. Load for Installation:	600 lbs.
Max. Load for Long Term Application:	200 lbs.

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 Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/22/2008
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
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CSA Flame Test: F-14

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Aerial: Yes - Black only.

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm: 3.5 dB/km

Maximum Attenuation @ 1300nm: 1.2 dB/km

Minimum Bandwidth @ 850nm: 1500 MHz*km

Minimum Bandwidth @ 1300nm: 500 MHz*km

Maximum Gigabit Ethernet Length @ 850nm: 900 meters

Maximum Gigabit Ethernet Length @ 1300nm: 550 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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C830	1 FT	0.083 LB	BLACK		REPLACED BY FD3L006LF

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