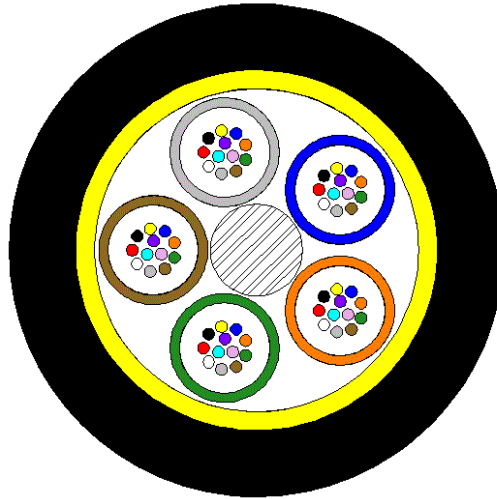


## B9W810 Fiber - All Dielectric Cable - In/Outdoor Riser



For more  
Information  
please call

1-800-Belden1



**General Description:**

FiberExpress Single Jacket-All Dielectric Cable, 6-Fiber, OS2 OFNR, 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:	SM, (OS2)
Number of Fibers:	6
Mode Field Diameter @ 1310nm:	9.2
Clad Diameter:	125
Primary Coating Diameter:	250
Buffer Tube Material:	Thermoplastic

**Outer Jacket**

Outer Jacket Material:	
Outer Jacket Material:	PVC - Polyvinyl Chloride
Outer Jacket Color:	Black

**Strength Member**

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

Overall Nominal Diameter:	0.510 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-30°C To + 70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	107 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	10,200 in.
Min. Bend Radius for Long Term Application:	5,100 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
C(UL) Flame Test:	FT4

**Suitability**

Suitability - Indoor:	Yes
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## B9W810 Fiber - All Dielectric Cable - In/Outdoor Riser

Suitability - Outdoor:	Yes
Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum	
Plenum (Y/N):	No

<b>Optical Characteristics (Overall)</b>	
Maximum Attenuation @ 1310nm:	4 dB/km
Maximum Attenuation @ 1550nm:	.3 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

**Related Documents:**

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W810	1 FT	0.081 LB	BLACK		REPLACED BY FDSL008RF

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