

B9W039 Fiber - Distribution Cable - Riser

For more Information
please call

1-800-Belden1

**General Description:**

FiberExpress Distribution Cable, 6-Fiber, OS2 OFNR, Tight Buffer, Indoor Rated with Yellow Jacket, High 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 Diameter:	250
Secondary Coating Diameter:	900
Buffer Tube Material:	Thermoplastic

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: 0.170 in.

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Installation Temperature Range:	-20°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	6 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	2.600 in.
Min. Bend Radius for Long Term Application:	1.700 in.
Max. Load for Installation:	100 lbs.
Max. Load for Long Term Application:	30 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):	08/01/2008
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
Other Specification:	G.652C, G.652D

B9W039 Fiber - Distribution Cable - Riser**Flame Test**

UL Flame Test:	UL1666 Riser
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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:	.5 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:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W039	1 FT	0.000			REPLACED BY FISD006R9

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