

M9W851 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNR



For more Information
please call

1-800-Belden1

Description:

FiberExpress Loose Tube Optical Fiber Cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit.

Physical Characteristics (Overall)

Fiber Type:	Single Mode 125/245 Micron
Number of Fibers:	12
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White

Buffer Tube Diameter:	1.9
Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange

Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.030
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Inner Jacket Color Code Chart:

Number	Color
1	Black

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness:	0.060
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Outer Jacket Diameter:

Nom. Dia. (in.)
0.440

Outer Jacket Ripcord:	Yes
Outer Jacket Color:	Black
Outer Jacket Separator Material:	Overall Water Blocking Tape, 25% overlap

M9W851 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNR**Strength Member**

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

Overall Nominal Diameter:	0.440 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-40°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	8.800 in.
Min. Bend Radius for Long Term Application:	6.600 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Max. Load for Installation:	600 lbs.
Max. Load for Long Term Application:	150 lbs.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
Telecommunications Standards:	568B
Other Specification:	ITU G.652.d

Flame Test

C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	0.40 dB/km
Maximum Attenuation @ 1550nm:	0.30 dB/km

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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