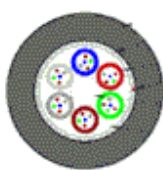


M9B833 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNR



OUTER JACKET
STRENGTH
MEMBER
BUFFER TUBE
RIP CORD
CENTRAL
STRENGTH MEMBER
BARRIER



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:	62.5/125/250 Micron
Number of Fibers:	36
Core Diameter:	62.5
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:	Flame Retardant Thermoplastic
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
LSNH - Low Smoke Non-Halogen

Outer Jacket Nominal Wall Thickness:	0.060
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Outer Jacket Diameter:

Nom. Dia. (in.)
0.380

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

Strength Member

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Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.380 in.

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: 7.600 in.

Min. Bend Radius for Long Term Application: 5.700 in.

Crush Resistance: 2000 N/cm

Impact Resistance: 2000 Impacts w/ 1.6 N-m

Max. Load for Installation: 600 lbs.

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

NEC/(UL) Specification: OFNR

CEC/C(UL) Specification: OFN

IEEE Specification: 802.3z

Telecommunications Standards: 568B

Flame Test

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm: 3.25 dB/km

Maximum Attenuation @ 1300nm: 1.00 dB/km

Minimum Bandwidth @ 850nm: 200 MHz*km

Minimum Bandwidth @ 1300nm: 500 MHz*km

Maximum Gigabit Ethernet Length @ 850nm: 300

Maximum Gigabit Ethernet Length @ 1300nm: 550

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 05-14-2007

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