

## M9W212 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNP



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)**

<b>Fiber Type:</b>	Single Mode/125/900 Micron
<b>Number of Fibers:</b>	108
<b>Core Diameter:</b>	8.3
<b>Clad Diameter:</b>	125
<b>Primary Coating Material:</b>	245
<b>Secondary Coating Material:</b>	Engineering Thermoplastic
<b>Secondary Coating Diameter:</b>	900

**Fiber Color Code Chart:**

Color
Blue
Orange
Green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

<b>Core-clad Offset:</b>	Acrylate
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**Inner Jacket**

<b>Inner Jacket Nominal Wall Thickness:</b>	0.017
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**Inner Jacket Color Code Chart:**

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
PVDF - Fluorocopolymer

<b>Outer Jacket Nominal Wall Thickness:</b>	0.030
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**Outer Jacket Diameter:**

Nom. Dia. (in.)
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0.538

**Outer Jacket Color:** Black**Outer Jacket Separator Material:** Water Blocking Tape, 25% overlap**Strength Member****Strength Member Material:** Aramid Yarn, Fiberglass Epoxy Rod**Overall Cabling****Overall Nominal Diameter:** 0.538 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:** 10.760 in.**Min. Bend Radius for Long Term Application:** 8.070 in.**Crush Resistance:** 2000 N/cm**Impact Resistance:** 2000 Impacts w/ 1.6 N-m**Cyclic Flexing:** 2000 Cycles min.**Max. Load for Installation:** 993 lbs.**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs****NEC/(UL) Specification:** OFNP**CEC/C(UL) Specification:** OFN**Telecommunications Standards:** 568B**Other Specification:** ITU G.652.d**Flame Test****C(UL) Flame Test:** FT6**Plenum/Non-Plenum****Plenum (Y/N):** Yes**Optical Characteristics (Overall)****Maximum Attenuation @ 1310nm:** 0.80 dB/km**Maximum Attenuation @ 1550nm:** 0.50 dB/km**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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