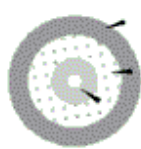


## M9B001 Fiber - Tight Buffer Interconnect Cables - Riser (OFNR)



OUTER JACKET  
 ARAMID STRENGTH  
 ELEMENTS  
 TIGHT BUFFERED  
 FIBER



For more Information  
 please call

1-800-Belden1

**Description:**

Interconnect Cables are designed for low fiber-count premises environments. They are small and very flexible, making them ideal for confined spaces. Their aesthetic appearance makes these cables suitable for use in open office environments.

**Physical Characteristics (Overall)**

Fiber Type:	62.5/125/900 Micron
Number of Fibers:	1
Core Diameter:	62.5
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Diameter:	900
Buffer Tube Material:	Thermoplastic

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

PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.025

**Outer Jacket Diameter:****Nom. Dia. (in.)**

0.114

Outer Jacket Color: Slate

**Strength Member**

Strength Member Material: Aramid Yarn

**Overall Cabling**

Overall Nominal Diameter: 0.114 in.

**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	6 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	1.500 in.
Min. Bend Radius for Long Term Application:	1.100 in.
Crush Resistance:	200 N/cm
Impact Resistance:	20 Impacts w/ 1.0 N-m
Cyclic Flexing:	100 Cycles min.
Max. Load for Installation:	90 lbs.

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

NEC/(UL) Specification: OFNR

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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: 3.50 dB/km

Maximum Attenuation @ 1300nm: 1.25 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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