

M9E001 Fiber - Tight Buffer Interconnect Cables - Riser (OFNR)



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:	50/125/900 Micron
Number of Fibers:	1
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900

Fiber Color Code Chart:

Color
Slate

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: Aqua

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.

M9E001 Fiber - Tight Buffer Interconnect Cables - Riser (OFNR)**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
IEEE Specification:	802.3ae
Telecommunications Standards:	568B

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 @ 850nm:	3.50 dB/km
Maximum Attenuation @ 1300nm:	1.25 dB/km
Minimum Bandwidth @ 850nm:	3000 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	500

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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