

M9B081 Fiber - Tight Buffer Interconnect Cables - Plenum (OFNP)



For more Information
please call

1-800-Belden1

Description:

Tight Buffer Interconnect Cables.

Physical Characteristics (Overall)

Fiber Type:	62.5/125/900 Micron
Number of Fibers:	2
Core Diameter:	62.5
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Plenum Grade PVC - Polyvinyl Chloride
Secondary Coating Diameter:	900

Fiber Color Code Chart:

Color
Slate

Inner Jacket**Inner Jacket Color Code Chart:**

Number	Color
1	Blue
2	Orange

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
Plenum Grade PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.015

Outer Jacket Diameter:

Nom. Dia. (in.)
0.148 x 0.266

Outer Jacket Color: Orange

Strength Member

Strength Member Material: Aramid Yarn

Overall Cabling

Overall Nominal Diameter: 0.148 x 0.266 in.

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	2.220 in.
Min. Bend Radius for Long Term Application:	1.480 in.
Crush Resistance:	200 N/cm
Impact Resistance:	20 Impacts w/ 1.0 N-m
Cyclic Flexing:	100 Cycles min.

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Max. Load for Installation:	180 lbs.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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

Flame Test

C(UL) Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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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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