

## M9W081 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:	Single Mode/125/900 Micron
Number of Fibers:	2
Core Diameter:	8.3
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

**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: Yellow

**Strength Member**

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

**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:	2.200 in.
Min. Bend Radius for Long Term Application:	1.500 in.
Crush Resistance:	200 N/cm
Impact Resistance:	20 Impacts w/ 1.0 N-m
Cyclic Flexing:	100 Cycles min.
Max. Load for Installation:	180 lbs.

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## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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
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## Plenum/Non-Plenum

Plenum (Y/N):	Yes
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## 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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