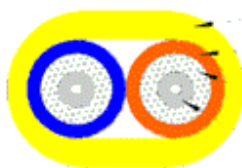


## M9W080 Fiber - Tight Buffer Interconnect Cables - Riser (OFNR)



OUTER JACKET  
 INNER JACKET  
 ARAMID STRENGTH  
 ELEMENTS  
 TIGHT BUFFERED  
 FIBER



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
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.022

**Outer Jacket Diameter:**

Nom. Dia. (in.)
0.166 x 0.284

Outer Jacket Color: Yellow

**Strength Member**

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

**Overall Cabling**

Overall Nominal Diameter: 0.166 x 0.284 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:	2.500 in.
Min. Bend Radius for Long Term Application:	1.670 in.
Crush Resistance:	200 N/cm
Impact Resistance:	20 Impacts w/ 1.0 N-m
Cyclic Flexing:	100 Cycles min.

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

<b>NEC/(UL) Specification:</b>	OFNR
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<b>CEC/C(UL) Specification:</b>	OFN
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<b>Telecommunications Standards:</b>	568B
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<b>Other Specification:</b>	ITU G.652.d
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**Flame Test**

<b>C(UL) Flame Test:</b>	FT4
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**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 1310nm:</b>	0.80 dB/km
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<b>Maximum Attenuation @ 1550nm:</b>	0.50 dB/km
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**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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