

## M9W010 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Riser (OFNR)



For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Optical Fiber Breakout Cables are designed for low to medium fiber count in-building, harsh-environment installations. Breakout or fanout cables offer a high degree of flexibility for backbone and horizontal applications.

**Physical Characteristics (Overall)**

<b>Fiber Type:</b>	Single Mode/125/900 Micron
<b>Number of Fibers:</b>	12
<b>Core Diameter:</b>	8.3
<b>Clad Diameter:</b>	125
<b>Primary Coating Material:</b>	Acrylate
<b>Primary Coating Diameter:</b>	245
<b>Secondary Coating Material:</b>	Engineering Thermoplastic
<b>Secondary Coating Diameter:</b>	900

**Fiber Color Code Chart:**

Color
Slate

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

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

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

Outer Jacket Material
PVC - Polyvinyl Chloride

**Outer Jacket Nominal Wall Thickness:** 0.060

**Outer Jacket Diameter:**

Nom. Dia. (in.)
0.514

**Outer Jacket Color:** Yellow

**Outer Jacket Separator Material:** Overall Polyester Tape, 25% overlap

**Strength Member**

**Strength Member Material:** Aramid Yarn, Fiberglass Epoxy Rod

**Overall Cabling**

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Overall Nominal Diameter:	0.514 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	7.710 in.
Min. Bend Radius for Long Term Application:	5.150 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	600 lbs.

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

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
Telecommunications Standards:	568B
Other Specification:	ITU G.652.d

**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 @ 1310nm:	0.80 dB/km
Maximum Attenuation @ 1550nm:	0.50 dB/km

**Notes (Overall)**

**Notes:** This cable is designed for indoor applications. It can also be used in interbuilding applications as outlined in technical advisory # 21.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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