

## M9W015 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)



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)**

Fiber Type:	Single Mode/125/900 Micron
Number of Fibers:	6
Core Diameter:	8.3
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 Nominal Wall Thickness:	0.078
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**Inner Jacket Color Code Chart:**

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

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

Outer Jacket Material
PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness:	0.020
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**Outer Jacket Diameter:**

Nom. Dia. (in.)
0.280

Outer Jacket Color:	Yellow
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Outer Jacket Separator Material:	Overall Polyester Tape, 25% overlap
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**Strength Member**

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

Overall Nominal Diameter:	0.280 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +80°C
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**M9W015 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)**

<b>Operating Temperature Range:</b>	-20°C To +70°C
<b>Min. Bend Radius (Install)/Minor Axis:</b>	4.200 in.
<b>Min. Bend Radius for Long Term Application:</b>	2.800 in.
<b>Crush Resistance:</b>	2000 N/cm
<b>Impact Resistance:</b>	2000 Impacts w/ 1.6 N-m
<b>Cyclic Flexing:</b>	2000 Cycles min.
<b>Max. Load for Installation:</b>	543 lbs.

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

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

**Flame Test**

<b>C(UL) Flame Test:</b>	FT6
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**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	Yes
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**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 1310nm:</b>	0.80 dB/km
<b>Maximum Attenuation @ 1550nm:</b>	0.50 dB/km

**Notes (Overall)**

**Notes:** This cable is verified for use in indoor horizontal/backbone applications. It can also be used in interbuilding applications as outlined in Mohawk/CDT technical advisory # 21.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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