

M9W014 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:	4
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
3	Green
4	Brown

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
Plenum Grade PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.030

Outer Jacket Diameter:

Nom. Dia. (in.)
0.263

Outer Jacket Color: Yellow

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.263 in.

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:	3.945 in.
Min. Bend Radius for Long Term Application:	2.630 in.

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Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	345 lbs.

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