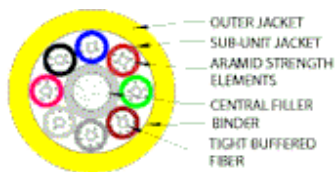


M9W016 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)


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:	8
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
7	Red
8	Black

Outer Jacket
Outer Jacket Material:

Outer Jacket Material
PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness:	0.025
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Outer Jacket Diameter:

Nom. Dia. (in.)
0.336

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:	0.336 in.
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M9W016 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)
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:	5.040 in.
Min. Bend Radius for Long Term Application:	3.360 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:	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

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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