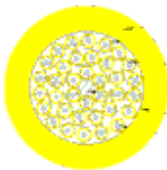


M9W082 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)



OUTER JACKET
SUB-UNIT JACKET
ARAMID STRENGTH
ELEMENTS
CENTRAL FILLER
BINDER
TIGHT BUFFERED
FIBER



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:	36
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 Color Code Chart:**

Number	Color
1-36	Yellow

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness: 0.032

Outer Jacket Diameter:

Nom. Dia. (in.)
0.612

Outer Jacket Color: Yellow

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.612 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:	9.180 in.
Min. Bend Radius for Long Term Application:	6.120 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m

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Cyclic Flexing:	2000 Cycles min.
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Max. Load for Installation:	600 lbs.
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Applicable Specifications and Agency Compliance (Overall)
Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNP
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CEC/C(UL) Specification:	OFN
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Telecommunications Standards:	568B
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Other Specification:	ITU G.652.d
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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
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Maximum Attenuation @ 1550nm:	0.50 dB/km
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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