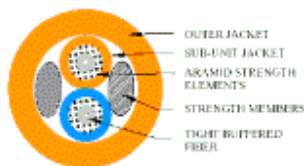


M9A005 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Riser (OFNR)



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)

Fiber Type:	50/125/900 Micron
Number of Fibers:	2
Core Diameter:	50
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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.045

Outer Jacket Diameter:

Nom. Dia. (in.)
0.260

Outer Jacket Color: Orange

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.260 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:	2.600 in.
Min. Bend Radius for Long Term Application:	3.900 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/1.6 N•m

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Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	180 lbs.

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

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
IEEE Specification:	802.3z
Telecommunications Standards:	TIA/EIA-568B

Flame Test

C(UL) Flame Test:	FT4
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Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Plenum/Non-Plenum

Plenum (Y/N):	No
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Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.50 dB/km
Maximum Attenuation @ 1300nm:	1.25 dB/km
Minimum Bandwidth @ 850nm:	500 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	600
Maximum Gigabit Ethernet Length @ 1300nm:	600

Notes (Overall)

Notes: This cable is designed for use in 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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