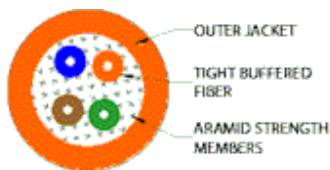


**M9B038 Fiber - Tight Buffer Distribution Cables - Riser (OFNR)**

For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Optical Fiber Distribution Cables are designed for low to high fiber count in-building installations. They offer a high degree of flexibility for backbone and horizontal applications.

**Physical Characteristics (Overall)**

Fiber Type:	62.5/125/900 Micron
Number of Fibers:	4
Core Diameter:	62.5 +/- 2.5
Core Non-Circularity:	5% Maximum
Clad Diameter:	125 +/- 2
Clad Non-Circularity:	1% Maximum
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245 +/- 10
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900 +/- 50
Core-clad Offset:	1.5 Microns Maximum

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

PVC - Polyvinyl Chloride

Outer Jacket Color: Orange

**Strength Member**

Strength Member Material: Aramid Yarn

**Overall Cabling**

Overall Nominal Diameter: 0.200 in.

**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	16 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	3 in.
Min. Bend Radius for Long Term Application:	2 in.
Max. Load for Installation:	180 lbs.
Max. Load for Long Term Application:	69 lbs.
Proof Test:	100 kpsi

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

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
IEEE Specification:	802.3Z

**M9B038 Fiber - Tight Buffer Distribution Cables - Riser (OFNR)****Flame Test**

C(UL) Flame Test: FT4

**Suitability**

Suitability - Indoor: Yes

Suitability - Outdoor: No

Sunlight Resistance: No

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm: 3.5 dB/km

Maximum Attenuation @ 1300nm: 1.25 dB/km

Point Loss @ 850nm &amp; 1300nm: 0.2

Minimum Bandwidth @ 850nm: 200 MHz\*km

Minimum Bandwidth @ 1300nm: 500 MHz\*km

Refractive Index @ 850nm: 1.496

Refractive Index @ 1300nm: 1.491

Numerical Aperature: .275

Maximum Gigabit Ethernet Length @ 850nm: 300

Maximum Gigabit Ethernet Length @ 1300nm: 550

**Reference (Overall)**

Previous Part Number: PTD6004

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 2    Revision Date: 05-14-2007

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