

M9B602 Fiber - Tight Buffer Distribution Cables - Riser (OFNR)

X



For more Information please call

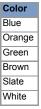
1-800-Belden1

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.

nysical Characteristics (Overall)		
Fiber Type:	62.5/125/900 Micron	
Number of Fibers:	24	
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	

Fiber Color Code Chart:



Core-clad Offset: 1.5 Microns Maximum

Inner Jacket

Inner Jacket Color Code Chart:

Number Color 1,2,3, & 4 Orange

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: 0.496 in.

Mechanical Characteristics (Overall) Storage Temperature Range: -40°C To +80°C Operating Temperature Range: -20°C To +70°C Bulk Cable Weight: 83 lbs/1000 ft. Min. Bend Radius (Install)/Minor Axis: 7.400 in. Min. Bend Radius for Long Term Application: 5 in.

Detailed Specifications & Technical Data





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Max. Load for Installation:	960 lbs.
Max. Load for Long Term Application:	225 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:

C(UL) Flame Test:

FT4

No

802.3Z

Suitability

Flame Test

Suitability - Indoor: Yes
Suitability - Outdoor: No

Sunlight Resistance:
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 & 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

Notes (Overall)

Notes: The jackets of the 6 fiber groups are printed as follows: "ONE - BLUE", "TWO - ORANGE", "THREE - GREEN", & "FOUR - BROWN"

Reference (Overall)

Previous Part Number: PTD6024

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

Revision Number: 2 Revision Date: 05-14-2007

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