

M9B601 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:	24
Core Diameter:	62.5
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
Blue
Orange
Green
brown
Slate
m White
Red
Black
Yellow
Violet
Rose
Aqua
Blue/Black
Orange/Black
Green/Black
Brown/Black
Slate/Black
White/Black
Red/Black
Black/White
Yellow/Black
Violet/Black
Rose/Black
Aqua/Black

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

PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.042

Outer Jacket Diameter:**Nom. Dia. (in.)**

0.325

Outer Jacket Color:

Orange

M9B601 Fiber - Tight Buffer Distribution Cables - Riser (OFNR)**Strength Member**

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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Overall Cabling

Overall Nominal Diameter:	0.325 in.
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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:	6.500 in.
Min. Bend Radius for Long Term Application:	4.875 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	390 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:	568B

Flame Test

C(UL) Flame Test:	FT4
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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:	200 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300
Maximum Gigabit Ethernet Length @ 1300nm:	550

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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