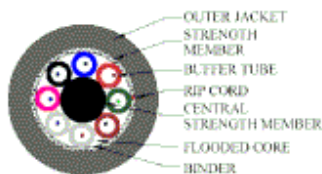


M9A061 Fiber - Loose Tube All Dielectric - Flooded Core/Single PE Jacket



For more Information
please call

1-800-Belden1

Description:

FiberExpress Loose Tube Optical Fiber Cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit.

Physical Characteristics (Overall)

Fiber Type: 50/125/250 Micron

Number of Fibers: 8

Core Diameter: 50

Clad Diameter: 125

Primary Coating Material: Acrylate

Primary Coating Diameter: 245

Secondary Coating Material: Engineering Thermoplastic

Secondary Coating Diameter: 250

Fiber Color Code Chart:

Color
Blue

Buffer Tube Diameter: 8

Buffer Tube Material: PBT - Polybutylene Terephthalate

Buffer Tube Filling Material: Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness: 0.060

Outer Jacket Diameter:

Nom. Dia. (in.)
0.416

Outer Jacket Ripcord: Yes

Outer Jacket Color: Black

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.416 in.

M9A061 Fiber - Loose Tube All Dielectric - Flooded Core/Single PE Jacket**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-50°C To +80°C
Operating Temperature Range:	-40°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	8.320 in.
Min. Bend Radius for Long Term Application:	6.240 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	600 lbs.

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

IEEE Specification:	802.3z
Telecommunications Standards:	568B

Plenum/Non-Plenum

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

Maximum Attenuation @ 850nm:	3.00 dB/km
Maximum Attenuation @ 1300nm:	1.00 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: Cable is flooded for moisture protection.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 05-14-2007

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