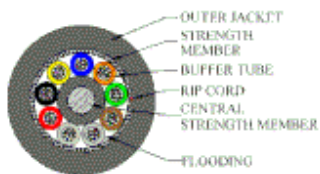


M9A508 Fiber - Loose Tube All Dielectric - Flooded Core/Single PE Jacket



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:	108
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
Orange
gGreen
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

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
9	Yellow

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness: 0.060

Outer Jacket Diameter:

Nom. Dia. (in.)

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0.576

Outer Jacket Color: Black

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.576 in.

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: 11.520 in.

Min. Bend Radius for Long Term Application: 8.640 in.

Crush Resistance: 2000 N/cm

Impact Resistance: 2000 Impacts w/ 1.6 N-m

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

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: 1 Revision Date: 05-14-2007

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