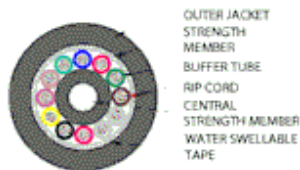


M9W509T Fiber - Loose Tube All Dielectric - Dry Core/Single PE Jacket



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:	Single Mode 125/245 Micron
Number of Fibers:	144
Core Diameter:	8.3
Clad Diameter:	125 +/- 2
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245 +/- 10
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

Buffer Tube Diameter:	2.8
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
9	Yellow
10	Violet
11	Rose
12	Aqua

Core-clad Offset:	1.5 Microns Maximum
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Outer Jacket

Outer Jacket Material:

M9W509T Fiber - Loose Tube All Dielectric - Dry Core/Single PE Jacket**Outer Jacket Material**

MDPE - Medium Density Polyethylene

Outer Jacket Nominal Wall Thickness: 0.060**Outer Jacket Diameter:****Nom. Dia. (in.)**

0.695

Outer Jacket Ripcord: Polyester**Outer Jacket Color:** Black**Outer Jacket Separator Material:** Water Swellable Tape, 25% overlap**Strength Member****Strength Member Material:** Fiberglass Epoxy Rod, Aramid Yarn**Overall Cabling****Overall Nominal Diameter:** 0.695 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:** 13.900 in.**Min. Bend Radius for Long Term Application:** 10.425 in.**Crush Resistance:** Passes TIA/EIA 455-41, 2000 N/cm**Impact Resistance:** Passes TIA/EIA 455-25, 2000 Impacts w/1.6 N-m**Max. Load for Installation:** 600 lbs.**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs****Telecommunications Standards:** 568B**Other Specification:** ITU G.652.d**Plenum/Non-Plenum****Plenum (Y/N):** No**Optical Characteristics (Overall)****Maximum Attenuation @ 1310nm:** 0.40 dB/km**Maximum Attenuation @ 1550nm:** 0.30 dB/km**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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