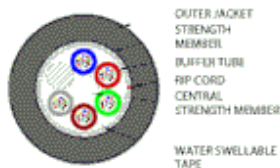


## M9W506T Fiber - Loose Tube All Dielectric - Dry Core/Single PE Jacket



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)**

<b>Fiber Type:</b>	Single Mode 125/245 Micron
<b>Number of Fibers:</b>	60
<b>Core Diameter:</b>	8.3
<b>Clad Diameter:</b>	125 +/- 2
<b>Primary Coating Material:</b>	Acrylate
<b>Primary Coating Diameter:</b>	245 +/- 10
<b>Secondary Coating Material:</b>	Engineering Thermoplastic
<b>Secondary Coating Diameter:</b>	250

**Fiber Color Code Chart:**

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

<b>Buffer Tube Diameter:</b>	2.8
<b>Buffer Tube Material:</b>	PBT - Polybutylene Terephthalate
<b>Buffer Tube Filling Material:</b>	Synthetic Thixotropic Gel

**Buffer Tube Color Code Chart:**

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate

<b>Core-clad Offset:</b>	1.5 Microns Maximum
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**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material
MDPE - Medium Density Polyethylene

<b>Outer Jacket Nominal Wall Thickness:</b>	0.060
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**Outer Jacket Diameter:**

Nom. Dia. (in.)
0.480

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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
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**Overall Cabling**

Overall Nominal Diameter:	0.480 in.
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**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:	9.600 in.
Min. Bend Radius for Long Term Application:	7.200 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
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**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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