

M9W504T Fiber - Loose Tube All Dielectric - Dry Core/Single PE Jacket



OUTER JACKET
STRENGTH
MEMBER
BUFFER TUBE
RIP CORD
CENTRAL
STRENGTH MEMBER
WATER SWELLABLE
TAPE



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:	72
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

Buffer Tube Diameter:	1.9
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:

Outer Jacket Material
MDPE - Medium Density Polyethylene

Outer Jacket Nominal Wall Thickness:	0.060
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Outer Jacket Diameter:

Nom. Dia. (in.)

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0.525

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:	0.525 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:	10.500 in.
Min. Bend Radius for Long Term Application:	7.875 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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