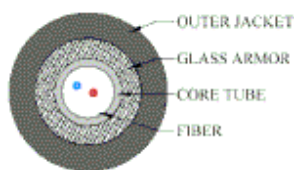


M9A150 Fiber - Central Tube OSP - All Dielectric/Dry Core/Single PE Jacket



For more Information
please call

1-800-Belden1

Description:

Central Tube Optical Fiber cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit. They have a corrugated steel armor which provides added protection for direct burial applications.

Physical Characteristics (Overall)

Fiber Type:	50/125/250 Micron
Number of Fibers:	2
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250
Buffer Tube Diameter:	3.8
Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number
Slate

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness: 0.055

Outer Jacket Diameter:

Nom. Dia. (in.)
0.325

Outer Jacket Separator Material: Overall Water Blocking Tape

Strength Member

Strength Member Material: Aramid Yarn

Overall Cabling

Overall Nominal Diameter: 0.325 in.

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	36 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	6.500 in.
Min. Bend Radius for Long Term Application:	4.875 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m

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Max. Load for Installation:	600 lbs.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

IEEE Specification:	802.3z
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Telecommunications Standards:	568B
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Plenum/Non-Plenum

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

Maximum Attenuation @ 850nm:	3.00 dB/km
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Maximum Attenuation @ 1300nm:	1.00 dB/km
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Minimum Bandwidth @ 850nm:	500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	600
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Maximum Gigabit Ethernet Length @ 1300nm:	600
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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