

M9B742 Fiber - Micro Loose Tube



For more Information
please call

1-800-Belden1

Description:

Micro Loose Tube (Campus) Optical Fiber Cables are breakout style cables with the environmental advantages of a loose tube, gel filled cable. These cables are an ideal solution for indoor/outdoor installations.

Physical Characteristics (Overall)

Fiber Type:	62.5/125/900 Micron
Number of Fibers:	4
Core Diameter:	62.5
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900
Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Slate

Inner Jacket**Inner Jacket Color Code Chart:**

Number	Color
1	Blue
2	Orange
3	Green
4	Brown

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.066

Outer Jacket Diameter:

Nom. Dia. (in.)
0.372

Outer Jacket Color: Black

Outer Jacket Separator Material: Overall Polyester Tape, 25% overlap

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.372 in.

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +70°C

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Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	7.440 in.
Min. Bend Radius for Long Term Application:	5.580 in.
Crush Resistance:	600 N/cm
Impact Resistance:	20 Impacts w/ 1.0 N-m
Max. Load for Installation:	600 lbs.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
IEEE Specification:	802.3z
Telecommunications Standards:	568B

Flame Test

C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

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

Maximum Attenuation @ 850nm:	3.50 dB/km
Maximum Attenuation @ 1300nm:	1.25 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300
Maximum Gigabit Ethernet Length @ 1300nm:	550

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 05-14-2007

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