

## M9W703 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:	Single Mode/125/900 Micron
Number of Fibers:	6
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900

## Fiber Color Code Chart:

Color
Slate

Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

## Inner Jacket

Inner Jacket Insulation Resistance:	Blue, Orange, Green, Brown, Slate, White
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## Inner Jacket Color Code Chart:

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

## Outer Jacket

## Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness:	0.060
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## Outer Jacket Diameter:

Nom. Dia. (in.)
0.418

Outer Jacket Ripcord:	No
Outer Jacket Color:	Black
Outer Jacket Separator Material:	Overall Polyester Tape, 25% overlap

## Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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## Overall Cabling

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Overall Nominal Diameter:	0.418 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	8.360 in.
Min. Bend Radius for Long Term Application:	6.270 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**

Telecommunications Standards:	568B
Other Specification:	ITU.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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