

## M9W358 Fiber - Loose Tube Armored - Flooded Core/Single Armor/Double Jacket



For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube (Campus) Armor Optical Fiber Cable Series is made up of rugged fiber cables for applications in hostile environments. This series of cables has corrugated steel armor which provides added protection for direct burial applications

**Physical Characteristics (Overall)**

Fiber Type:	Single Mode/125/900 Micron
Number of Fibers:	2
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250

**Fiber Color Code Chart:**

Color
Blue

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

**Inner Jacket**

Inner Jacket Nominal Wall Thickness:	0.030
Inner Jacket Ripcord:	Yes

**Inner Jacket Color Code Chart:**

Number	Color
1	Black

**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.)
0.530

Outer Jacket Ripcord:	Yes
Outer Jacket Color:	Black

**Strength Member**

Strength Member Material:	Aramid Yarn
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**Armor**

Armor Type:	Corrugated Steel Tape
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<b>Armor Material:</b>	Steel
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**Overall Cabling**

<b>Overall Nominal Diameter:</b>	0.530 in.
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**Mechanical Characteristics (Overall)**

<b>Storage Temperature Range:</b>	-50°C To +80°C
<b>Operating Temperature Range:</b>	-40°C To +70°C
<b>Min. Bend Radius (Install)/Minor Axis:</b>	10.600 in.
<b>Min. Bend Radius for Long Term Application:</b>	7.950 in.
<b>Crush Resistance:</b>	2000 N/cm
<b>Impact Resistance:</b>	2000 Impacts w/ 1.6 N-m
<b>Max. Load for Installation:</b>	600 lbs.

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

<b>Telecommunications Standards:</b>	568B
<b>Other Specification:</b>	ITU G.652.d

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 1310nm:</b>	0.40 dB/km
<b>Maximum Attenuation @ 1550nm:</b>	0.30 dB/km

**Notes (Overall)**

**Notes:** Cable is flooded for moisture protection.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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