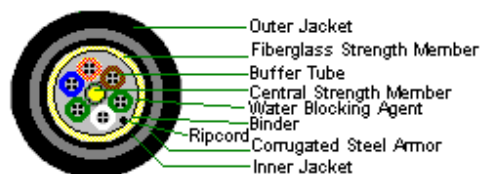


**M9W514 Fiber - Corrugated Steel Armor Cable, Loose Tube - Outdoor**


For more Information  
please call

1-800-Belden1

**Description:**

The heavy-duty armored loose tube cables are designed for direct burial, duct and outside tray applications. They utilize a corrugated steel tape armor barrier combined with two weather-resistant polyethylene jackets to give the maximum protection.

**Physical Characteristics (Overall)**

<b>Fiber Type:</b>	Single Mode 125/245 Micron
<b>Number of Fibers:</b>	120
<b>Core Diameter:</b>	8.3 +/- 2.5
<b>Core Non-Circularity:</b>	5% Maximum
<b>Clad Diameter:</b>	125 +/- 2
<b>Clad Non-Circularity:</b>	1% Maximum
<b>Primary Coating Material:</b>	Acrylate
<b>Primary Coating Diameter:</b>	245 +/- 10
<b>Secondary Coating Material:</b>	Engineering Thermoplastic
<b>Secondary Coating Diameter:</b>	250

**Fiber Color Code Chart:**

Color
Blue
Orange
Green
Brown
Gray
White
Red
Black
Yellow
Purple
Pink
Aqua

<b>Buffer Tube Diameter:</b>	2.8
<b>Buffer Tube Material:</b>	PBT - Polybutylene Terephthalate
<b>Buffer Tube Filling Material:</b>	Synthetic Thixotropic Gel

**Buffer Tube Color Code Chart:**

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple

<b>Core-clad Offset:</b>	1.5 Microns Maximum
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**M9W514 Fiber - Corrugated Steel Armor Cable, Loose Tube - Outdoor****Outer Jacket****Outer Jacket Material:****Outer Jacket Material**

MDPE - Medium Density Polyethylene

**Outer Jacket Nominal Wall Thickness:** 0.060**Outer Jacket Diameter:****Nom. Dia. (in.)**

0.611

**Outer Jacket Ripcord:** Aramid**Outer Jacket Color:** Black**Strength Member****Strength Member Material:** Fiberglass Epoxy Rod, Aramid Yarn**Overall Cabling****Overall Nominal Diameter:** 0.611 in.**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:** 12.220 in.**Min. Bend Radius for Long Term Application:** 9.165 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**Optical Characteristics (Overall)****Maximum Attenuation @ 1310nm:** 0.40 dB/km**Maximum Attenuation @ 1550nm:** 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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## M9W514 Fiber - Corrugated Steel Armor Cable, Loose Tube - Outdoor

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