

M9W897 Fiber - Loose Tube Indoor/Outdoor Armored Dry Core - Riser (OFCR)



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 125/245 Micron
Number of Fibers:	144
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
Orange
green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

Buffer Tube Diameter:	2.8
Buffer Tube Material:	Flame Retardant Thermoplastic
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.030
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Inner Jacket Color Code Chart:

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Number	Color
1	Black

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.065

Outer Jacket Diameter:

Nom. Dia. (in.)
0.880

Outer Jacket Ripcord: Yes

Outer Jacket Color: Black

Outer Jacket Separator Material: Overall Water Blocking Tape, 25% overlap

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Armor

Armor Type: Corrugated Steel Tape

Armor Material: Steel

Overall Cabling

Overall Nominal Diameter: 0.880 in.

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +80°C

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

Min. Bend Radius (Install)/Minor Axis: 17.600 in.

Min. Bend Radius for Long Term Application: 13.200 in.

Crush Resistance: 2000 N/cm

Impact Resistance: 2000 Impacts w/ 1.6 N-m

Max. Load for Installation: 600 lbs.

Max. Load for Long Term Application: 150 lbs.

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

NEC/(UL) Specification: OFCR

CEC/C(UL) Specification: OFC

Telecommunications Standards: 568B

Other Specification: ITU G.652.d

Flame Test

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm: 0.40 dB/km

Maximum Attenuation @ 1550nm: 0.30 dB/km

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
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