

M9A895 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:	50/125/250 Micron
Number of Fibers:	72
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Diameter:	250

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose

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

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	

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PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.065

Outer Jacket Diameter:

 Nom. Dia. (in.)
 0.620

Outer Jacket Ripcord: Yes

Outer Jacket Color: Black

Outer Jacket Separator Material: 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: 0.620 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: 12.400 in.

Min. Bend Radius for Long Term Application: 9.300 in.

Crush Resistance: 2000 N/cm

Impact Resistance: 2000 Impacts w/ 1.6 N-m

Max. Load for Installation: 600 lbs.

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

NEC/(UL) Specification: OFCR

CEC/C(UL) Specification: OFC

IEEE Specification: 802.3z

Telecommunications Standards: 568B

Flame Test

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm: 3.00 dB/km

Maximum Attenuation @ 1300nm: 1.00 dB/km

Minimum Bandwidth @ 850nm: 500 MHz*km

Minimum Bandwidth @ 1300nm: 500 MHz*km

Maximum Gigabit Ethernet Length @ 850nm: 600

Maximum Gigabit Ethernet Length @ 1300nm: 600

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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