

M9W233 Fiber - Tight Buffer Aluminum Interlock Armor Cables - Riser (OFCR)



For more Information
please call

1-800-Belden1

Description:

FiberExpress Interlock Armor Optical Fiber cables have a rugged construction that affords superior protection in adverse environments yet can also be installed in general purpose, riser and plenum environments.

Physical Characteristics (Overall)

Fiber Type:	Single Mode/125/900 Micron
Number of Fibers:	24
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White

Core-clad Offset:	Acrylate
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Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.018
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Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness:	0.060
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Outer Jacket Diameter:

Nom. Dia. (in.)
0.845

Outer Jacket Color:	Yellow
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Outer Jacket Separator Material:	Overall Polyester Tape, 25% overlap
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Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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Armor

Armor Type:	Interlocking
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Armor Material:	Aluminum
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Overall Cabling

Overall Nominal Diameter:	0.845 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	16.900 in.
Min. Bend Radius for Long Term Application:	12.675 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	1005 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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	0.80 dB/km
Maximum Attenuation @ 1550nm:	0.50 dB/km

Notes (Overall)

Notes: This cable is designed for use in indoor applications. It can also be used in interbuilding applications as outlined as technical advisory #21.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 05-14-2007

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