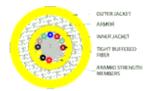


M9W231 Fiber - Tight Buffer Aluminum Interlock Armor Cables - Riser (OFCR)



X

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:	12		
	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
Red
Black
Yellow
Violet
Rose
Aqua

Core-clad Offset: Acrylate

Inner Jacket

Inner Jacket Nominal Wall Thickness: 0.045

Inner Jacket Color Code Chart:

Number Color 1 Yellow

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.060

Outer Jacket Diameter:

Nom. Dia. (in.) 0.645

Outer Jacket Color: Yellow

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Armor

Detailed Specifications & Technical Data





M9W231 Fiber - Tight Buffer Aluminum Interlock Armor Cables - Riser (OFCR)

Armor Type: Interlocking
Armor Material: Aluminum

Overall Cabling

Overall Nominal Diameter: 0.645 in.

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:	12.900 in.			
Min. Bend Radius for Long Term Application:	9.675 in.			
Crush Resistance:	2000 N/cm			
Impact Resistance:	2000 Impacts w/ 1.6 N-m			
Cyclic Flexing:	2000 Cycles min.			
Max. Load for Installation:	300 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: FT6

Plenum/Non-Plenum

Plenum (Y/N): No

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:

em# Putup Ship Weight	Color Note:	es Item Desc
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