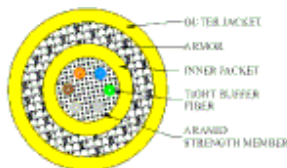


M97615 Fiber - Tight Buffer Steel Interlock Armor Cables - Plenum (OFCP)



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:	6
Core Diameter:	8.3
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Plenum Grade PVC - Polyvinyl Chloride
Secondary Coating Diameter:	900

Fiber Color Code Chart:

Color
Blue
Orange
Green
Brown
Slate
White

Inner Jacket

Inner Jacket Nominal Wall Thickness:	.025
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Inner Jacket Color Code Chart:

Number	Color
1	Yellow

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
Plenum Grade PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness:	.028
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Outer Jacket Diameter:

Nom. Dia. (in.)
.531

Outer Jacket Color:	Yellow
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Outer Jacket over Armor (y/n):	Y
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Outer Jacket over Armor

Outer Jacket Material over Armor Separator Under Jacket (y/n):	No
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Outer Jacket Wall Thickness Over Armor:	0.028
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Diameter over Jacket and Armor:	0.531
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Strength Member

Strength Member Material:	Aramid Yarn
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M97615 Fiber - Tight Buffer Steel Interlock Armor Cabels - Plenum (OFCP)**Armor**

Armor Type:	Interlocking Steel
Armor Material:	Steel
Armor Thickness:	.1425
Diameter over Armor:	.475

Overall Cabling

Overall Nominal Diameter:	0.531 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:	10.620 in.
Min. Bend Radius for Long Term Application:	7.965 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/1.6 N•m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	270 lbs.

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

NEC/(UL) Specification:	OFCP
CEC/C(UL) Specification:	OFC
Telecommunications Standards:	TIA/EIA-568B
Other Specification:	ITU G.652.d

Flame Test

C(UL) Flame Test:	FT6
Other Flame Test:	UL TYPE OFCP

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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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 in technical advisory # 21.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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M97615 Fiber - Tight Buffer Steel Interlock Armor Cabels - Plenum (OFCP)

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