

B9W241 Fiber - Interlocked Armor Distribution Cable - Plenum



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Distribution Aluminum Interlocked Armor Cable, 12-Fiber, OS2 OFCP, Tight Buffer, Indoor Rated with Yellow Jacket, Rugged construction that affords superior protection in adverse environments.

Physical Characteristics (Overall)

Fiber Type:	SM, (OS2)
Number of Fibers:	12
Mode Field Diameter @ 1310nm:	9.2
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Diameter:	900
Buffer Tube Material:	Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color:	Yellow
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Strength Member

Strength Member Material:	Aramid Yarn
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Armor

Armor Type:	Interlocked
Armor Material:	Aluminum

Overall Cable

Overall Nominal Diameter:	0.506 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	103 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	10.200 in.
Min. Bend Radius for Long Term Application:	7.600 in.
Max. Load for Installation:	239 lbs.
Max. Load for Long Term Application:	119 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFCP
CEC/C(UL) Specification:	OFCP
EU Directive 2011/65/EU (RoHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/01/2008
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

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CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL910 Plenum

CSA Flame Test: FT6

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: No

Suitability - Aerial: No

Suitability - Burial: No

Sunlight Resistance: No

Plenum/Non-Plenum

Plenum (Y/N): Yes

Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm: .8 dB/km

Maximum Attenuation @ 1550nm: .5 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	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

Related Documents:
[DOUBLE JACKETED INTERLOCKED ARMOR DISTRIBUTION CABLE.pdf](#) - Document PG 46 - DOUBLE JACKETED INTERLOCKED ARMOR DISTRIBUTION CABLE rev 8.pdf
Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W241	1 FT	0.146 LB	YELLOW		D-AIA 12F OS2 OFCP TB

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