

B9C242 Fiber - Interlocked Armor Distribution Cable - Plenum

For more Information
please call

1-800-Belden1

**General Description:**

FiberExpress Distribution Aluminum Interlocked Armor Cable, 24-Fiber, OM3 OFCP, Tight Buffer, Indoor Rated with Aqua Jacket, Rugged construction that affords superior protection in adverse environments.

Physical Characteristics (Overall)

Fiber Type:	50 Micron (OM3)
Number of Fibers:	24
Core Diameter:	50
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Material:	PVC - Polyvinyl Chloride
Secondary Coating Diameter:	900

Outer Jacket**Outer Jacket Material:****Outer Jacket Material**

PVC - Polyvinyl Chloride

Outer Jacket Color: AQUA

Strength Member

Strength Member Material: Aramid Yarn

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Overall Cable

Overall Nominal Diameter: 16.027 mm

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:	224.718 Kg/Km
Min. Bend Radius/Minor Axis:	320.040 mm
Min. Bend Radius for Long Term Application:	241.300 mm
Max. Load for Installation:	1334.460 N
Max. Load for Long Term Application:	400.338 N

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

NEC/(UL) Specification:	OFCP
CEC/C(UL) Specification:	OFCP

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EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4
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
Non-Plenum Number:	B9C232

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.0 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	1500 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	1000 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 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

B9C242 Fiber - Interlocked Armor Distribution Cable - Plenum**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C242	1 FT	0.185 LB	AQUA		REPLACED BY FI3D024A9

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