

## B9W245 Fiber - Tight Buffer Aluminum 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:** SM

**Number of Fibers:** 48

#### Outer Jacket

**Outer Jacket Material:**

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PVC - Polyvinyl Chloride

#### Strength Member

**Strength Member Material:** Aramid Yarn, Fiberglass Epoxy Rod

#### Armor

**Armor Type:** Interlocked

**Armor Material:** Aluminum

#### Overall Cable

**Overall Nominal Diameter:** 0.906 in.

### Mechanical Characteristics (Overall)

**Storage Temperature Range:** -40°C To +80°C

**Installation Temperature Range:** -20°C To +70°C

**Operating Temperature Range:** -20°C To +70°C

**Bulk Cable Weight:** 320 lbs/1000 ft.

**Min. Bend Radius (Install)/Minor Axis:** 18.600 in.

**Min. Bend Radius for Long Term Application:** 14 in.

**Max. Load for Installation:** 956 lbs.

**Max. Load for Long Term Application:** 476 lbs.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** OFCP

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

**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

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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: UL910 Steiner Tunnel

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: B9W235

### Optical Characteristics (Overall)

Maximum Attenuation @ 1300nm: .5 dB/km

Maximum Attenuation @ 1550nm: .5 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000

### Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple
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
B9W245	1 FT	0.412 LB	YELLOW		48SM DIST IARM PLN YEL

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