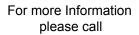


# ENGLISH MEASUREMENT VERSION

EU Directive 2002/96/EC (WEEE):

# B9C240 Fiber - Industrial Armored Cable - Plenum



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:	50/125/900 Micron
Number of Fibers:	6
Buffer Tube Material:	Thermoplastic
Outer Jacket Outer Jacket Material: Outer Jacket Material PVC - Polyvinyl Chloride	
Strength Member	
Strength Member Material:	Aramid Yarn
Armor	
Armor Type:	Interlocked
Armor Material:	Aluminum
Overall Cable	
Overall Nominal Diameter:	0.471 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:	87 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	8.500 in.
Min. Bend Radius for Long Term Application:	5.700 in.
Max. Load for Installation:	286 lbs.
Max. Load for Long Term Application:	143 lbs.
Applicable Specifications and Agency Con Applicable Standards & Environmental Progra	• • •
Applicable Specifications and Agency Con Applicable Standards & Environmental Progra NEC/(UL) Specification:	• • •
Applicable Standards & Environmental Progra	ms
Applicable Standards & Environmental Progra NEC/(UL) Specification:	OFCP
Applicable Standards & Environmental Progra NEC/(UL) Specification: CEC/C(UL) Specification:	OFCP OFCP

Yes

# **Detailed Specifications & Technical Data**



### ENGLISH MEASUREMENT VERSION

## B9C240 Fiber - Industrial Armored Cable - Plenum

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 Riser
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 @ 850nm:	3 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
Maximum Gigabit Ethernet Length @ 1300nm:	550
Eibor Coding MLT EMEA:	

#### 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
B9C240	1 FT	0.122 LB	AQUA		6G5 DIST IARM PLN AQU

Revision Number: 2 Revision Date: 04-29-2010

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# **Detailed Specifications & Technical Data**



## ENGLISH MEASUREMENT VERSION

### B9C240 Fiber - Industrial Armored Cable - Plenum

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