

B9C230 Fiber - Interlocked Armor Distribution Cable - Riser



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)

Product Family - Note:	See the Related Document section below for the Technical Data on this Product Family.
Fiber Type:	50 Micron (OM3)
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
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Armor

Armor Type:	Interlocked
Armor Material:	Aluminum

Overall Cable

Overall Nominal Diameter:	0.570 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +70°C
Installation Temperature Range:	0°C To +60°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	127 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	11.400 in.
Min. Bend Radius for Long Term Application:	8.600 in.
Max. Load for Installation:	270 lbs.
Max. Load for Long Term Application:	81 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFCR
CEC/C(UL) Specification:	OFC
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/01/2008

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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 Riser
CSA Flame Test:	FT4

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Aerial:	No
Suitability - Burial:	No
Sunlight Resistance:	No

Plenum/Non-Plenum

Plenum (Y/N):	No
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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

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
B9C230	1 FT	0.156 LB	AQUA		D-AIA 6F OM3 OFCR TB

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