

**B9C230 Fiber - Interlocked Armor Distribution Cable - Riser**

For more Information  
please call

1-800-Belden1

**General Description:**

FiberExpress Distribution Aluminum Interlocked Armor Cable, 6-Fiber, OM3 OFCR, Tight Buffer, Indoor Rated with Aqua Jacket, Rugged construction that affords superior protection in adverse environments.

**Physical Characteristics (Overall)**

<b>Product Family - Note:</b>	See the Related Document section below for the Technical Data on this Product Family.
<b>Fiber Type:</b>	50 Micron (OM3)
<b>Number of Fibers:</b>	6
<b>Buffer Tube Material:</b>	Thermoplastic

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

<b>Outer Jacket Material</b>
PVC - Polyvinyl Chloride

**Strength Member**

<b>Strength Member Material:</b>	Aramid Yarn
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**Armor**

<b>Armor Type:</b>	Interlocked
<b>Armor Material:</b>	Aluminum

**Overall Cable**

<b>Overall Nominal Diameter:</b>	14.478 mm
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**Mechanical Characteristics (Overall)**

<b>Storage Temperature Range:</b>	-40°C To +70°C
<b>Installation Temperature Range:</b>	0°C To +60°C
<b>Operating Temperature Range:</b>	-20°C To +70°C
<b>Bulk Cable Weight:</b>	189.001 Kg/Km
<b>Min. Bend Radius/Minor Axis:</b>	289.560 mm
<b>Min. Bend Radius for Long Term Application:</b>	218.440 mm
<b>Max. Load for Installation:</b>	1201.014 N
<b>Max. Load for Long Term Application:</b>	360.304 N

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

<b>NEC/(UL) Specification:</b>	OFCR
<b>CEC/C(UL) Specification:</b>	OFC
<b>EU Directive 2011/65/EU (RoHS II):</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes

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EU RoHS Compliance Date (mm/dd/yyyy):	08/01/2008
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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**Flame Test**

UL Flame Test:	UL1666 Riser
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CSA Flame Test:	FT4
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**Suitability**

Suitability - Indoor:	Yes
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Suitability - Outdoor:	No
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Suitability - Aerial:	No
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Suitability - Burial:	No
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Sunlight Resistance:	No
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	3.0 dB/km
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Maximum Attenuation @ 1300nm:	1.2 dB/km
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Minimum Bandwidth @ 850nm:	1500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	1000 meters
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Maximum Gigabit Ethernet Length @ 1300nm:	550 meters
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**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	0.161 LB	AQUA		REPLACED BY FI3D006F9

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