

**B9B891 Fiber - Loose Tube Indoor/Outdoor Armored Dry Core - Riser (OFCR)**

For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube (Campus) Armor Optical Fiber Cable Series is made up of rugged fiber cables for applications in hostile environments. This series of cables has corrugated steel armor which provides added protection for direct burial applications

**Physical Characteristics (Overall)**

Fiber Type:	62.5 Micron (OM1)
Number of Fibers:	12
Buffer Tube Material:	Thermoplastic
Buffer Tube Filling Material:	Gel

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

PVC - Polyvinyl Chloride

**Strength Member**

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

Armor Type:	Corrugated
Armor Material:	Steel

**Overall Cable**

Overall Nominal Diameter:	0.540 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +80°C
Installation Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	141 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	10.800 in.
Min. Bend Radius for Long Term Application:	8.100 in.
Max. Load for Installation:	600 lbs.
Max. Load for Long Term Application:	200 lbs.

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

NEC/(UL) Specification:	OFCR
CEC/C(UL) Specification:	OFC
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

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EU RoHS Compliance Date (mm/dd/yyyy): 08/22/2008

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; 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: Yes

Suitability - Burial: Yes

Sunlight Resistance: Yes

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm: 3.5 dB/km

Maximum Attenuation @ 1300nm: 1.2 dB/km

Minimum Bandwidth @ 850nm: 200 MHz\*km

Minimum Bandwidth @ 1300nm: 600 MHz\*km

Maximum Gigabit Ethernet Length @ 850nm: 300

Maximum Gigabit Ethernet Length @ 1300nm: 550

**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:**
[Loose Tube Double Jacket Armored Cable.pdf](#) - Loose Tube Double Jacket Armored Cable.
**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B891	1 FT	0.154 LB	BLACK		12G2 IN/OUT LT ARM RSR BLK

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.