

B9W891 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:	SM
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:	OFNR
CEC/C(UL) Specification:	OFN
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 & 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 - Aerial: No

Suitability - Burial: Yes

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Optical Characteristics (Overall)

Maximum Attenuation @ 1300nm: .4 dB/km

Maximum Attenuation @ 1310nm: .4 dB/km

Maximum Attenuation @ 1550nm: .3 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:
[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
B9W891	1 FT	0.154 LB	BLACK		12SM IN/OUT LT ARM RSR BLK

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