

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

## B9B215 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Single Jacket-All Dielectric Cable, 144-Fiber, OM1 OFNP, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

### Physical Characteristics (Overall)

Fiber Type: 62.5 Micron (OM1)

Number of Fibers: 144

#### Fiber Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

Buffer Tube Material: Thermoplastic

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material  
PVC - Polyvinyl Chloride

### Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

### Overall Cable

Overall Nominal Diameter: 0.665 in.

### Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +80°C

Installation Temperature Range: 0°C To +60°C

Operating Temperature Range: -40°C To +70°C

Bulk Cable Weight: 189 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 13.300 in.

Min. Bend Radius for Long Term Application: 10 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: OFNP

CEC/C(UL) Specification: OFNP

EU Directive 2011/65/EU (RoHS II): 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:	UL910 Steiner Tunnel
CSA Flame Test:	FT6

#### Suitability

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

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	B9B817

#### 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 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
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

#### Related Documents:

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B215	1 FT	0.225 LB	BLACK		SJAD 144F OM1 OFNP LT

Revision Number: 2 Revision Date: 02-06-2013

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