

## B9W202 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, 6-Fiber, OS2 OFNP, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

### Physical Characteristics (Overall)

Product Family - Plenum:

Fiber Count	# Fibers/Tubes	Type	OM1 MM 62.5/125 1 Gb	OM2 MM 50/125 1 Gb	OM3 MM 50/125 10 Gb 300m	OM4 MM 50/125 10 GB 500m	OS2 - SM
6	6	Indoor/Outdoor	B9B202	B9A202	B9C202	B9E202	B9W202
12	12	Indoor/Outdoor	B9B204	B9A204	B9C204	B9E204	B9W204
24	12	Indoor/Outdoor	B9B205	B9A205	B9C205	B9E205	B9W205
36	12	Indoor/Outdoor	B9B206	B9A206	B9C206	B9E206	B9W206
48	12	Indoor/Outdoor	B9B207	B9A207	B9C207	B9E207	B9W207
72	12	Indoor/Outdoor	B9B209	B9A209	B9C209	B9E209	B9W209
96	12	Indoor/Outdoor	B9B211	B9A211	B9C211	B9E211	B9W211
144	12	Indoor/Outdoor	B9B215	B9A215	B9C215	B9E215	B9W215

Fiber Type: SM, (OS2)

Number of Fibers: 6

Mode Field Diameter @ 1310nm: 9.2

Clad Diameter: 125

Primary Coating Diameter: 250

Buffer Tube Material: Thermoplastic

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material  
PVC - Polyvinyl Chloride

Outer Jacket Color: BLK

### Strength Member

Strength Member Material: Aramid Yarn

### Overall Cable

Overall Nominal Diameter: 6.731 mm

### 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: 49.111 Kg/Km

Min. Bend Radius/Minor Axis: 134.620 mm

Min. Bend Radius for Long Term Application: 101.600 mm

Max. Load for Installation: 1334.460 N

Max. Load for Long Term Application: 400.338 N

### 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

## METRIC MEASUREMENT VERSION

### B9W202 Fiber - LooseTube Indoor/Outdoor All Dielectric Dry Core-Plenum OFNP

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
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:	Yes - When supported by messenger wire
Suitability - Burial:	No
Sunlight Resistance:	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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#### Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	.8 dB/km
Maximum Attenuation @ 1550nm:	.5 dB/km

#### Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

#### 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
B9W202	1 FT	0.044 LB	BLACK		SJAD 6F OS2 OFNP LT

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