

## B9W511T Fiber - Loose Tube All Dielectric - Dry Core/Single PE Jacket



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Single Jacket-All Dielectric Cable, 12-Fiber, OS2 OSP, Loose Tube, Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

### Physical Characteristics (Overall)

Fiber Type:	SM, (OS2)
Number of Fibers:	12
Buffer Tube Material:	Thermoplastic

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

#### Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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#### Overall Cable

Overall Nominal Diameter:	0.410 in.
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### Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-30°C To + 70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	56 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	8.200 in.
Min. Bend Radius for Long Term Application:	4 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

EU Directive 2011/65/EU (ROHS II):	Yes
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

#### Suitability

Suitability - Indoor:	No
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Suitability - Outdoor: Yes

Suitability - Aerial: Yes

Suitability - Burial: Yes

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

### Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm: .35 dB/km

Maximum Attenuation @ 1550nm: .25 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000 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
B9W511T	1 FT	0.059 LB	BLACK		SJAD 12F OS2 OSP LT

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