

## B9C510T Fiber - Outdoor Loose Tube Single Jacket



For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube Optical Fiber Cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit.

**Physical Characteristics (Overall)**

Fiber Type:	50/125/900 Micron
Number of Fibers:	6
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 +75°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	84 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	9.800 in.
Min. Bend Radius for Long Term Application:	4.900 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 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
Suitability - Outdoor:	Yes

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<b>Suitability - Aerial:</b>	No
<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 850nm:</b>	3.5 dB/km
<b>Maximum Attenuation @ 1300nm:</b>	1.2 dB/km
<b>Minimum Bandwidth @ 850nm:</b>	1500 MHz*km
<b>Minimum Bandwidth @ 1300nm:</b>	500 MHz*km
<b>Maximum Gigabit Ethernet Length @ 850nm:</b>	900
<b>Maximum Gigabit Ethernet Length @ 1300nm:</b>	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 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
B9C510T	1 FT	0.063 LB	BLACK		6G5 LT OSP BLK

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