

B9B510T 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)

Product Family - Note:

See the Related Document section below for the Technical Data on this Product Family.

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

Product Family - Riser:

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	B9B810	B9A810	B9C810	B9E810	B9W810
6	6	Outdoor	B9B510T	B9A510T	B9C510T	B9E510T	B9W510T
6	6	Indoor/LSZH	B9B830	B9A830	B9C830	B9E830	B9W830
12	12	Indoor/Outdoor	B9B811	B9A811	B9C811	B9E811	B9W811
12	12	Outdoor	B9B511T	B9A511T	B9C511T	B9E511T	B9W511T
12	12	Indoor/LSZH	B9B831	B9A831	B9C831	B9E831	B9W831
24	12	Indoor/Outdoor	B9B812	B9A812	B9C812	B9E812	B9W812
24	12	Outdoor	B9B500T	B9A500T	B9C500T	B9E500T	B9W500T
24	12	Indoor/LSZH	B9B832	B9A832	B9C832	B9E832	B9W832
36	12	Indoor/Outdoor	B9B813	B9A813	B9C813	B9E813	B9W813
36	12	Outdoor	B9B502T	B9A502T	B9C502T	B9E502T	B9W502T
36	12	Indoor/LSZH	B9B833	B9A833	B9C833	B9E833	B9W833
48	12	Indoor/Outdoor	B9B814	B9A814	B9C814	B9E814	B9W814
48	12	Outdoor	B9B505T	B9A505T	B9C505T	B9E505T	B9W505T
48	12	Indoor/LSZH	B9B834	B9A834	B9C834	B9E834	B9W834
72	12	Indoor/Outdoor	B9B815	B9A815	B9C815	B9E815	B9W815
72	12	Outdoor	B9B507T	B9A507T	B9C507T	B9E507T	B9W507T
96	12	Indoor/Outdoor	B9B816	B9A816	B9C816	B9E816	B9W816
96	12	Outdoor	B9B513T	B9A513T	B9C513T	B9E513T	B9W513T
144	12	Indoor/Outdoor	B9B817	B9A817	B9C817	B9E817	B9W817
144	12	Outdoor	B9B509T	B9A509T	B9C509T	B9E509T	B9W509T
216	12	Outdoor	B9B520T	B9A520T	B9C520T	B9E520T	B9W520T

Fiber Type: 62.5/125/900 Micron

Number of Fibers: 6

Buffer Tube Material: Thermoplastic

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Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cable

Overall Nominal Diameter: 0.410 in.

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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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
Maximum Gigabit Ethernet Length @ 1300nm:	550

Fiber Coding MLT EMEA:

Fiber/Tube No. Color

B9B510T Fiber - Outdoor Loose Tube Single Jacket

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
B9B510T	1 FT	0.059 LB	BLACK		6G2 LT OSP BLK

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