

B9B381T Fiber - Outdoor Loose Tube Armored Double Jacket Cable

For more Information
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube (Campus) Armor Optical Fiber Cable Series is made up of rugged fiber cables for applications in hostile environments. This series of cables has corrugated steel armor which provides added protection for direct burial applications

Physical Characteristics (Overall)**Product Family - Note:**

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

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 Armored	B9B890	B9A890	B9C890	B9E890	B9W890
12	12	Indoor/Outdoor Armored	B9B891	B9A891	B9C891	B9E891	B9W891
24	12	Indoor/Outdoor Armored	B9B892	B9A892	B9C892	B9E892	B9W892
36	12	Indoor/Outdoor Armored	B9B893	B9A893	B9C893	B9E893	B9W893
48	12	Indoor/Outdoor Armored	B9B894	B9A894	B9C894	B9E894	B9W894
72	12	Indoor/Outdoor Armored	B9B895	B9A895	B9C895	B9E895	B9W895
96	12	Indoor/Outdoor Armored	B9B896	B9A896	B9C896	B9E896	B9W896
144	12	Indoor/Outdoor Armored	B9B897	B9A897	B9C897	B9E897	B9W897

Product Family - Other:

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
4	4	Outdoor Armored	B9B363T	B9A363T	B9C363T	B9E363T	B9W363T
6	6	Outdoor Armored	B9B381T	B9A381T	B9C381T	B9E381T	B9W381T
12	12	Outdoor Armored	B9B382T	B9A382T	B9C382T	B9E382T	B9W382T
24	12	Outdoor Armored	B9B384T	B9A384T	B9C384T	B9E384T	B9W384T
36	12	Outdoor Armored	B9B386T	B9A386T	B9C386T	B9E386T	B9W386T
48	12	Outdoor Armored	B9B389T	B9A389T	B9C389T	B9E389T	B9W389T
72	12	Outdoor Armored	B9B391T	B9A391T	B9C391T	B9E391T	B9W391T
96	12	Outdoor Armored	B9B398T	B9A398T	B9C398T	B9E398T	B9W398T
144	12	Outdoor Armored	B9B393T	B9A393T	B9C393T	B9E393T	B9W393T

Fiber Type: 62.5/125/900 Micron

Number of Fibers: 6

Buffer Tube Material: Thermoplastic

Buffer Tube Filling Material: Gel

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material

PE - Polyethylene

Outer Jacket Diameter:

Nom. Dia. (in.)

0.310

Strength Member**Strength Member Material:**

Aramid Yarn

B9B381T Fiber - Outdoor Loose Tube Armored Double Jacket Cable**Armor**

Armor Type:	Corrugated
Armor Material:	Steel

Overall Cable

Overall Nominal Diameter:	0.620 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:	134 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	12.400 in.
Min. Bend Radius for Long Term Application:	6.200 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):	08/01/2008
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
---------------	----

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	
1	Blue
2	Orange
3	Green

B9B381T Fiber - Outdoor Loose Tube Armored Double Jacket Cable

4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Rose
12	Aqua

Related Documents:

[Loose Tube Double Jacket Armored Cable.pdf](#) - Loose Tube Double Jacket Armored Cable.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B381T	1 FT	0.108 LB	BLACK		6G2 LT ARM OSP BLK

Revision Number: 1 Revision Date: 08-29-2011

© 2012 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.