

B9C382T 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)

Fiber Type:	50/125/900 Micron
Number of Fibers:	12
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
---------------------------	-------------

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

B9C382T Fiber - Outdoor Loose Tube Armored Double Jacket Cable

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:	1500 MHz*km
----------------------------	-------------

Minimum Bandwidth @ 1300nm:	500 MHz*km
-----------------------------	------------

Maximum Gigabit Ethernet Length @ 850nm:	900
--	-----

Maximum Gigabit Ethernet Length @ 1300nm:	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 Double Jacket Armored Cable.pdf](#) - Loose Tube Double Jacket Armored Cable.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C382T	1 FT	0.121 LB	BLACK		12G5 LT ARM OSP BLK

Revision Number: 1 Revision Date: 01-11-2010

© 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.

B9C382T Fiber - Outdoor Loose Tube Armored Double Jacket Cable

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.