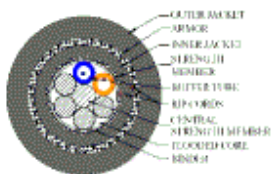


M9A358 Fiber - Loose Tube Armored - Flooded Core/Single Armor/Double Jacket



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:	50/125/250 Micron
Number of Fibers:	2
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	250

Fiber Color Code Chart:

Color
Blue

Buffer Tube Diameter:	1.9
Buffer Tube Material:	PBT - Polybutylene Terephthalate
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange

Inner Jacket

Inner Jacket Nominal Wall Thickness:	0.03
Inner Jacket Ripcord:	Yes

Inner Jacket Color Code Chart:

Number	Color
1	Black

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PE - Polyethylene

Outer Jacket Nominal Wall Thickness:	0.065
--------------------------------------	-------

Outer Jacket Diameter:

Nom. Dia. (in.)
0.530

Outer Jacket Ripcord:	Yes
Outer Jacket Color:	Black

Outer Jacket over Armor

Outer Jacket Wall Thickness Over Armor:	0.06
---	------

M9A358 Fiber - Loose Tube Armored - Flooded Core/Single Armor/Double Jacket

Diameter over Jacket and Armor:	0.53
---------------------------------	------

Strength Member

Strength Member Material:	Aramid Yarn
---------------------------	-------------

Armor

Armor Type:	Corrugated Steel Tape
-------------	-----------------------

Overall Cabling

Overall Nominal Diameter:	0.530 in.
---------------------------	-----------

Mechanical Characteristics (Overall)

Storage Temperature Range:	-50°C To +80°C
----------------------------	----------------

Operating Temperature Range:	-40°C To +70°C
------------------------------	----------------

Min. Bend Radius (Install)/Minor Axis:	10.600 in.
--	------------

Min. Bend Radius for Long Term Application:	7.950 in.
---	-----------

Crush Resistance:	2000 N/cm
-------------------	-----------

Impact Resistance:	2000 Impacts w/ 1.6 N-m
--------------------	-------------------------

Max. Load for Installation:	600 lbs.
-----------------------------	----------

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

IEEE Specification:	802.3z
---------------------	--------

Telecommunications Standards:	568B
-------------------------------	------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.00 dB/km
------------------------------	------------

Maximum Attenuation @ 1300nm:	1.00 dB/km
-------------------------------	------------

Minimum Bandwidth @ 850nm:	500 MHz*km
----------------------------	------------

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

Maximum Gigabit Ethernet Length @ 850nm:	600
--	-----

Maximum Gigabit Ethernet Length @ 1300nm:	600
---	-----

Notes (Overall)

Notes:	Cable is flooded for moisture protection.
--------	---

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
--------	-------	-------------	-------	-------	-----------

Revision Number: 0 Revision Date: 05-14-2007

© 2010 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.