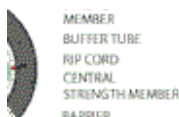


M9W836 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNR



For more Information
please call

1-800-Belden1

Description:

Physical Characteristics (Overall)

Fiber Type:	Single Mode 125/245 Micron
Number of Fibers:	96
Core Diameter:	8.3
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
Orange
Green
Brown
Slate
White
Red
Black
Yellow
Violet
Rose
Aqua

Buffer Tube Diameter:	2.8
Buffer Tube Material:	Flame Retardant Thermoplastic
Buffer Tube Filling Material:	Synthetic Thixotropic Gel

Buffer Tube Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
LSZH - Low Smoke Zero Halogen

Outer Jacket Nominal Wall Thickness:	0.060
--------------------------------------	-------

Outer Jacket Diameter:

Nom. Dia. (in.)
0.547

Outer Jacket Ripcord:	Yes
-----------------------	-----

M9W836 Fiber - Loose Tube Indoor/Outdoor All Dielectric Dry Core-Riser OFNR

Outer Jacket Color:	Black
Outer Jacket Separator Material:	Overall Water Blocking Tape, 25% overlap

Strength Member

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
----------------------------------	-----------------------------------

Overall Cabling

Overall Nominal Diameter:	0.547 in.
----------------------------------	-----------

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-40°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	10.940 in.
Min. Bend Radius for Long Term Application:	8.205 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Max. Load for Installation:	600 lbs.
Max. Load for Long Term Application:	150 lbs.

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

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
Telecommunications Standards:	568B
Other Specification:	ITU G.652.d

Flame Test

C(UL) Flame Test:	FT4
--------------------------	-----

Plenum/Non-Plenum

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

Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	0.40 dB/km
Maximum Attenuation @ 1550nm:	0.30 dB/km

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.