

## M9W911 Fiber - Loose Tube Indoor/Outdoor Armored Dry Core - Riser (OFCR)



For more Information  
please call

1-800-Belden1

## Description:

## Physical Characteristics (Overall)

Fiber Type:	Single Mode 125/245 Micron
Number of Fibers:	12
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

Buffer Tube Diameter:	1.9
Buffer Tube Material:	Flame Retardant Thermoplastic
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:	0.030
--------------------------------------	-------

## Inner Jacket Color Code Chart:

Number	Color
1	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.)
0.530

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

## Strength Member

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

**M9W911 Fiber - Loose Tube Indoor/Outdoor Armored Dry Core - Riser (OFCR)****Armor**

Armor Type:	Corrugated Steel Tape
Armor Material:	Steel

**Overall Cabling**

Overall Nominal Diameter:	0.530 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:	10.600 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.
Max. Load for Long Term Application:	150 lbs.

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

NEC/(UL) Specification:	OFCR
CEC/C(UL) Specification:	OFC
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.