Detailed Specifications & Technical Data





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

X



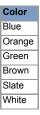
For more Information please call

1-800-Belden1

Description:

sical 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:



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:



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



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Armor	
Armor Type:	Corrugated Steel Tape
Armor Material:	Steel
Overall Cabling	
Overall Nominal Diameter:	0.530 in.

echanical 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.

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 Standards & Environmental Programs

Applicable Specifications and Agency Compliance (Overall)

Pp. 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10			
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

Crush Resistance:

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 #	Putun	Ship Weight	Color	Notes	Item Desc
iteiii #	i utup	Omp Weight	00101	Notes	item bese

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

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