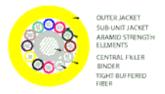


M9W010 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Riser (OFNR)



X

For more Information please call

1-800-Belden1

Description:

FiberExpress Optical Fiber Breakout Cables are designed for low to medium fiber count in-building, harsh-environment installations. Breakout or fanout cables offer a high degree of flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)			
	Fiber Type:	Single Mode/125/900 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:	900	

Fiber Color Code Chart:



Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.060

Outer Jacket Diameter:

Nom. Dia. (in.) 0.514

Outer Jacket Color: Yellow

Outer Jacket Separator Material: Overall Polyester Tape, 25% overlap

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling



Detailed Specifications & Technical Data





M9W010 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Riser (OFNR)

Overall Nominal Diameter: 0.514 in.

lechanical Characteristics (Overall)				
Storage Temperature Range:	-40°C To +80°C			
Operating Temperature Range:	-20°C To +70°C			
Min. Bend Radius (Install)/Minor Axis:	7.710 in.			
Min. Bend Radius for Long Term Application:	5.150 in.			
Crush Resistance:	2000 N/cm			
Impact Resistance:	2000 Impacts w/ 1.6 N-m			
Cyclic Flexing:	2000 Cycles min.			
Max. Load for Installation:	600 lbs.			

Applicable Specifications and Agency Compliance (Overall)

Applicable	Standards	2 Enviro	amontal	Drograme
Applicable	Standards	& Enviro	nmentai	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:	0.80 dB/km
Maximum Attenuation @ 1550nm:	0.50 dB/km

Notes (Overall)

Notes: This cable is designed for indoor applications. It can also be used in interbuilding applications as outlined in technical advisory #21.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc

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

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