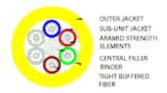
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



M9W015 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)



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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.

Pny	Physical Characteristics (Overall)			
	Fiber Type:	Single Mode/125/900 Micron		
	Number of Fibers:	6		
	Core Diameter:	8.3		
	Clad Diameter:	125		
	Primary Coating Material:	Acrylate		
	Primary Coating Diameter:	245		
	Secondary Coating Material:	Plenum Grade PVC - Polyvinyl Chloride		
	Secondary Coating Diameter:	900		

Fiber Color Code Chart:



Inner Jacket

Inner Jacket Nominal Wall Thickness: 0.078

Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness: 0.020

Outer Jacket Diameter:

Nom. Dia. (in.) 0.280

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

Overall Nominal Diameter: 0.280 in.

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +80°C



Detailed Specifications & Technical Data





M9W015 Fiber - Tight Buffer Breakout Cables (2.0 mm subunits)-Plenum (OFNP)

Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	4.200 in.
Min. Bend Radius for Long Term Application:	2.800 in.
Crush Resistance:	2000 N/cm
Impact Resistance:	2000 Impacts w/ 1.6 N-m
Cyclic Flexing:	2000 Cycles min.
Max. Load for Installation:	543 lbs.

Applicable Specifications and Agency Compliance (Overall)

Annlicable	Standards	& Fnvironn	nental Programs

omo Toot	
Other Specification:	ITU G.652.d
Telecommunications Standards:	568B
CEC/C(UL) Specification:	OFN
NEO/(OE) Opecification.	OT NI

OFNP

Flame Test

C(UL) Flame Test: FT6

Plenum/Non-Plenum

NEC/(III.) Specification:

Plenum (Y/N): Yes

Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm:	0.80 dB/km
Maximum Attenuation @ 1550nm:	0.50 dB/km

Notes (Overall)

Notes: This cable is verified for use in indoor horizontal/backbone applications. It can also be used in interbuilding applications as outlined in Mohawk/CDT technical advisory # 21.

Put Ups and Colors:

item # Futup Ship Weight Color Notes item Desc	Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 05-14-2007

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