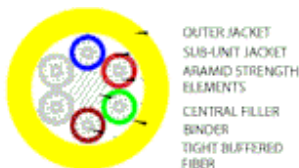


M9W023 Fiber - Tight Buffer Breakout Cables (2.5 mm subunits)-Riser (OFNR)



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:	6
Core Diameter:	8.3
Clad Diameter:	125 +/- 2
Clad Non-Circularity:	1% Maximum
Primary Coating Material:	Acrylate
Primary Coating Diameter:	245 +/- 10
Secondary Coating Material:	Engineering Thermoplastic
Secondary Coating Diameter:	900 +/- 50

Fiber Color Code Chart:**Color**

Slate

Core-clad Offset: 1.5 Microns Maximum

Inner Jacket**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**

PVC - Polyvinyl Chloride

Outer Jacket Nominal Wall Thickness: 0.060

Outer Jacket Diameter:**Nom. Dia. (in.)**

0.420

Outer Jacket Color: Yellow

Strength Member

Strength Member Material: Aramid Yarn, Fiberglass Epoxy Rod

Overall Cabling

Overall Nominal Diameter: 0.420 in.

Mechanical Characteristics (Overall)

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

M9W023 Fiber - Tight Buffer Breakout Cables (2.5 mm subunits)-Riser (OFNR)

Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	6.300 in.
Min. Bend Radius for Long Term Application:	4.200 in.
Crush Resistance:	EIA-455-41, 2000 N/cm
Impact Resistance:	EIA-455-25, 2000 Impacts w/1.6 N-m
Cyclic Flexing:	EIA-455-104 2000 Cycles min.
Max. Load for Installation:	600 lbs.
Proof Test:	100 kpsi

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

UL Flame Test:	UL1666 Riser
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

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.