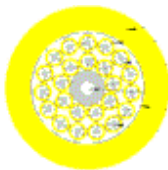


## M9W036 Fiber - Tight Buffer Breakout Cables (2.5 mm subunits)-Plenum (OFNP)



OUTER JACKET  
SUB-UNIT JACKET  
ARAMID STRENGTH  
ELEMENTS  
CENTRAL FILLER  
BINDER  
TIGHT BUFFERED  
FIBER



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:	24
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:	Plenum Grade PVC - Polyvinyl Chloride
Secondary Coating Diameter:	900 +/- 50

**Fiber Color Code Chart:**

Color

Slate

Core-clad Offset:	1.5 Microns Maximum
-------------------	---------------------

**Inner Jacket****Outer Jacket****Outer Jacket Material:**

Outer Jacket Material

PVDF - Fluorocopolymer

Outer Jacket Nominal Wall Thickness:	0.032
--------------------------------------	-------

**Outer Jacket Diameter:**

Nom. Dia. (in.)

0.667

Outer Jacket Color:	Yellow
---------------------	--------

**Strength Member**

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

**Overall Cabling**

Overall Nominal Diameter:	0.667 in.
---------------------------	-----------

**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +80°C
Operating Temperature Range:	-20°C To +70°C
Min. Bend Radius (Install)/Minor Axis:	10 in.
Min. Bend Radius for Long Term Application:	6.670 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.

**M9W036 Fiber - Tight Buffer Breakout Cables (2.5 mm subunits)-Plenum (OFNP)**

<b>Max. Load for Installation:</b>	600 lbs.
------------------------------------	----------

<b>Proof Test:</b>	100 kpsi
--------------------	----------

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

<b>NEC/(UL) Specification:</b>	OFNP
--------------------------------	------

<b>CEC/C(UL) Specification:</b>	OFN
---------------------------------	-----

<b>Telecommunications Standards:</b>	568B
--------------------------------------	------

<b>Other Specification:</b>	ITU G.652.d
-----------------------------	-------------

**Flame Test**

<b>C(UL) Flame Test:</b>	FT6
--------------------------	-----

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	Yes
----------------------	-----

**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 1310nm:</b>	0.80 dB/km
--------------------------------------	------------

<b>Maximum Attenuation @ 1550nm:</b>	0.50 dB/km
--------------------------------------	------------

**Notes (Overall)**

**Notes:** This cable is designed for use in 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

© 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.