

## B9W205 Fiber - Indoor/Outdoor Loose Tube - Plenum



For more Information  
please call

1-800-Belden1

**Description:**

FiberExpress Loose Tube Optical Fiber Cables are loose-tube buffered cables suited for outdoor applications such as lashed aerial or underground conduit.

**Physical Characteristics (Overall)**

Fiber Type: SM

Number of Fibers: 24

**Fiber Color Code Chart:**

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

Buffer Tube Material: Thermoplastic

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

PVC - Polyvinyl Chloride

**Strength Member**

Strength Member Material: Aramid Yarn

**Overall Cable**

Overall Nominal Diameter: 0.359 in.

**Mechanical Characteristics (Overall)**

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

Installation Temperature Range: 0°C To +60°C

Operating Temperature Range: -40°C To +75°C

Bulk Cable Weight: 47 lbs/1000 ft.

Min. Bend Radius (Install)/Minor Axis: 7.200 in.

Min. Bend Radius for Long Term Application: 5.400 in.

Max. Load for Installation: 405 lbs.

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

NEC/(UL) Specification: OFNP

**B9W205 Fiber - Indoor/Outdoor Loose Tube - Plenum**

<b>CEC/C(UL) Specification:</b>	OFNP
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	08/22/2008
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

**Flame Test**

<b>UL Flame Test:</b>	UL910 Steiner Tunnel
<b>CSA Flame Test:</b>	FT6

**Suitability**

<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Suitability - Aerial:</b>	No
<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

**Plenum/Non-Plenum**

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

**Optical Characteristics (Overall)**

<b>Maximum Attenuation @ 1300nm:</b>	.4 dB/km
<b>Maximum Attenuation @ 1550nm:</b>	.3 dB/km

**Fiber Coding MLT EMEA:**

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Rose
12	Aqua

**Related Documents:**

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W205	1 FT	0.062 LB	BLACK		24SM IN/OUT LT PLN BLK

Revision Number: 2    Revision Date: 01-08-2010

© 2012 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

## B9W205 Fiber - Indoor/Outdoor Loose Tube - Plenum

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.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.