

B9B155 Fiber - Outdoor Central Tube



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Central Tube Cable, 12-Fiber, OM1 OSP, Loose Tube, Outdoor Rated with UV Resistant Black Jacket, Fully waterblocked with gel-filled buffer tube, No rods - easy handling. Crush, impact and abrasion resistant.

Physical Characteristics (Overall)

Product Family - Other:

Fiber Count	Type	OM1 MM 62.5/125 1 Gb	OM2 MM 50/125 1 Gb	OM3 MM 50/125 10 Gb 300m	OM4 MM 50/125 10 Gb 500m	OS2 - SM
2	Outdoor	B9B150	B9A150	B9C150	B9E150	B9W150
4	Outdoor	B9B151	B9A151	B9C151	B9E151	B9W151
6	Outdoor	B9B152	B9A152	B9C152	B9E152	B9W152
8	Outdoor	B9B153	B9A153	B9C153	B9E153	B9W153
10	Outdoor	B9B154	B9A154	B9C154	B9E154	B9W154
12	Outdoor	B9B155	B9A155	B9C155	B9E155	B9W155
2	Outdoor Armored	B9B170	B9A170	B9C170	B9E170	B9W170
4	Outdoor Armored	B9B171	B9A171	B9C171	B9E171	B9W171
6	Outdoor Armored	B9B172	B9A172	B9C172	B9E172	B9W172
8	Outdoor Armored	B9B173	B9A173	B9C173	B9E173	B9W173
10	Outdoor Armored	B9B174	B9A174	B9C174	B9E174	B9W174
12	Outdoor Armored	B9B175	B9A175	B9C175	B9E175	B9W175

Fiber Type: 62.5 Micron (OM1)

Number of Fibers: 12

Buffer Tube Material: Thermoplastic

Buffer Tube Filling Material: Gel

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PE - Polyethylene

Strength Member

Strength Member Material: Aramid Yarn

Overall Cable

Overall Nominal Diameter: 0.310 in.

Mechanical Characteristics (Overall)

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

Installation Temperature Range: -30°C To +70°C

Operating Temperature Range: -40°C To +70°C

Bulk Cable Weight: 34 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 6.300 in.

Min. Bend Radius for Long Term Application: 4.600 in.

Max. Load for Installation: 600 lbs.

Max. Load for Long Term Application: 200 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

B9B155 Fiber - Outdoor Central Tube

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/01/2008
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	No
Suitability - Outdoor:	Yes
Suitability - Burial:	No
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	600 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	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

Related Documents:

[Loose Tube Central Tube Cable.pdf](#) - Loose Tube Central Tube Cable technical information.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B155	1 FT	0.037 LB	BLACK		REPLACED BY FS1C012N0

Revision Number: 3 Revision Date: 02-06-2013

© 2017 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. 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.