

B9B172 Fiber - Armored Outdoor Central Tube



For more Information
please call

1-800-Belden1



General Description:

Economical option for low fiber counts. Quick and easy end preparation. Fully waterblocked with gel-filled buffer tube. No rods - easy handling. Crush, impact and abrasion resistant.

Fiber

Applicable Standards and Agency Compliance

Suitability

Sunlight Resistance: Yes - Black only.

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
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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: 6

Buffer Tube Material: Thermoplastic

Buffer Tube Filling Material: Gel

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Polyethylene

Outer Jacket Diameter:

Nom. Dia. (mm)
7.874

Strength Member

Strength Member Material: Aramid Yarn

Armor

Armor Type: Corrugated

Armor Material: Steel

Overall Cable

Overall Nominal Diameter: 12.192 mm

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: 141.379 Kg/Km

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Min. Bend Radius/Minor Axis:	243.840 mm
Min. Bend Radius for Long Term Application:	182.880 mm
Max. Load for Installation:	2668.920 N
Max. Load for Long Term Application:	889.640 N

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
CSA Specification:	FT4
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/01/08
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

Flame Test

UL Flame Test:	UL1666 Riser
CSA Flame Test:	FT4

Suitability

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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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:	500 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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9B172	1 FT	0.089 LB	BLACK		REPLACED BY FS1C00660

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