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please call

1-800-Belden1



### General Description:

FiberExpress Central Tube Cable, 6-Fiber, OM3 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: 50 Micron (OM3)

Number of Fibers: 6

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: 7.874 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: 50.599 Kg/Km

Min. Bend Radius/Minor Axis: 160.020 mm

Min. Bend Radius for Long Term Application: 116.840 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

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):	08/01/2008
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 - Aerial:	No
Suitability - Burial:	No
Sunlight Resistance:	Yes

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	2.9 dB/km
Maximum Attenuation @ 1300nm:	0.9 dB/km
Minimum Bandwidth @ 850nm:	1500 MHz*km
Minimum Bandwidth @ 1300nm:	500 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	900 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
B9C152	1 FT	0.037 LB	BLACK		REPLACED BY FS3C006N0

Revision Number: 1    Revision Date: 03-18-2013

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