

B9C152 Fiber - Outdoor Central Tube



For more Information
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

METRIC MEASUREMENT VERSION

B9C152 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 - Aerial: | No |
| Suitability - Burial: | No |
| Sunlight Resistance: | Yes |

Plenum/Non-Plenum

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

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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