



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Central Tube Cable-Steel Corrugated Armor, 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)

Fiber Type:	50 Micron (OM3)
Number of Fibers:	6
Core Diameter:	50
Clad Diameter:	125
Primary Coating Material:	250
Buffer Tube Diameter:	0.15
Buffer Tube Material:	Thermoplastic
Buffer Tube Filling Material:	Gel

Outer Jacket

Outer Jacket Material:

Outer Jacket Material

PE - Polyethylene

Outer Jacket Diameter:

Nom. Dia. (mm)

7.874

Outer Jacket Color:	Black
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Strength Member

Strength Member Material:	Aramid Yarn
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Armor

Armor Type:	Corrugated
Armor Material:	Steel

Overall Cable

Overall Nominal Diameter:	12.192 mm
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-30°C To +75°C
Operating Temperature Range:	-30°C To +75°C
Bulk Cable Weight:	141.379 Kg/Km
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

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

B9C172 Fiber - Armored Outdoor Central Tube

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:	Yes - Black only, when supported by messenger wire.
Sunlight Resistance:	Yes

Plenum/Non-Plenum

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

Maximum Attenuation @ 850nm:	3.0 dB/km
Maximum Attenuation @ 1300nm:	1.0 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
B9C172	1 FT	0.089 LB	BLACK		REPLACED BY FS3C00660

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