

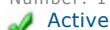


1-1553342-2 Product Details



1-1553342-2

TE Internal Number: 1-1553342-2



Fiber Optic Cable



Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Region = Asia, Latin America, North America
- Indoor Application, Indoor/Outdoor Application, Outdoor Application
- Armoring = None
- OFNR (Riser) Jacket
- 6 Fibers

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [INDOOR/OUTDOOR FIBER OPTIC CABLE CUSTOMER SPECIFICATION](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Mechanical Attachment:

- Installation Tensile Strength (Newton [lb_f]) = 1335.0 [300]

Electrical Characteristics:

- Max Attenuation @ 850nm (dB/km) = 3.5
- Max Attenuation @ 1300nm (dB/km) = 1.2

Termination Features:

- Fiber Type (Micron) = OM2 50/125

Dimensions:

- Installation Bend Radius (mm [in]) = 150.00 [5.910]

Body Features:

- Armoring = None
- Cable Construction = 1 x 6
- Cable Color = Orange
- Nominal Outside Diameter (mm [in]) = 7.20 [0.2834]
- Long Term Bend Radius (mm [in]) = 75 [3]
- Nominal Weight (kg/km) = 60
- Nominal Weight (lbs/1000ft) = 40
- Long Term Tensile Strength (Newton [lb_f]) = 400.0 [90]

Configuration Features:

- Number of Fibers = 6
- Cable Buffering = Loose Tube - Dry

Industry Standards:

- [Flammability Rating Type](#) = OFNR (Riser) Jacket
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard = ANSI/TIA-568, ANSI/TIA-472E000, ICEA S-104-696
- Applicable Fiber Specification = IEC 60793-2-10 A1a.1, TIA-492AAAB

Environmental:

- Storage Temperature (°C [°F]) = -40 - +70 [-40 - +158]
- Operating Temperature (°C [°F]) = -40 - +70 [-40 - +158]

Conditions for Usage:

- Installation Temperature (°C [°F]) = -10 - +60 [14 - 140]
- Minimum Overfilled Launch Bandwidth @ 850nm (MHz*km) = 500
- Minimum Overfilled Launch Bandwidth @ 1300nm (MHz*km) = 500
- Minimum 10Gb Ethernet Transmission Distance @ 850nm (M) = 82

Operation/Application:

- Application = Indoor, Indoor/Outdoor, Outdoor

Product Availability:

- Region = Asia, Latin America, North America

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