



1-1553326-1 Product Details



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TE Internal Number: 1-1553326-1



Fiber Optic Cable



Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Region = Asia, Latin America, North America
- Indoor Application
- Armoring = None
- OFNP (Plenum) Jacket
- 96 Fibers

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Premise Distribution Optical Cable Customer Specific...](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- [Tooling](#)

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Feedback

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

Mechanical Attachment:

- Installation Tensile Strength (Newton [lb_f]) = 660.0 [150]

Electrical Characteristics:

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

Termination Features:

- Fiber Type (Micron) = OM1 62.5/125

Dimensions:

- Installation Bend Radius (mm [in]) = 448.00 [17.600]

Body Features:

- Armoring = None
- Cable Construction = 8 x 12
- Cable Color = Orange
- Nominal Outside Diameter (mm [in]) = 22.00 [0.8661]
- Long Term Bend Radius (mm [in]) = 224 [8.8]
- Nominal Weight (kg/km) = 466
- Nominal Weight (lbs/1000ft) = 313
- Long Term Tensile Strength (Newton [lb_f]) = 198.0 [45]

Configuration Features:

- Number of Fibers = 96
- Cable Buffering = Tight Buffered

Industry Standards:

- [Flammability Rating Type](#) = OFNP (Plenum) 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 = Telcordia GR-409-CORE, ANSI/ICEA S-83-596, ANSI/TIA-568
- Applicable Fiber Specification = TIA-492AAAA, IEC 60793-2-10 A1b

Environmental:

- Storage Temperature (°C [°F]) = -40 - +70 [-40 - +158]
- Operating Temperature (°C [°F]) = 0 - 70 [32 - 158]

Conditions for Usage:

- Installation Temperature (°C [°F]) = 0 - 60 [32 - 140]
- Minimum Overfilled Launch Bandwidth @ 850nm (MHz*km) = 200
- Minimum Overfilled Launch Bandwidth @ 1300nm (MHz*km) = 500
- Minimum 10Gb Ethernet Transmission Distance @ 850nm (M) = 33

Operation/Application:

- Application = Indoor

Product Availability:

- Region = Asia, North America, Latin America

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