

TELDOR Armored Fiber Optic MTD Outdoor Cable
Teldor P/N 95M73FFNNB



1. Applications

- 1.1. General purpose armored Outdoor LAN cable
- 1.2. Direct Burial Campus Backbone
- 1.3. Outdoor Plant Duct Installation

2. Description

The TELDOR Fiber Optic Armored MTD Outdoor cable consists of 6*-48 color coded optical fibers each with a 0.9 mm Flame Retardant secondary coating. All cables are reinforced and protected by waterblocking aramid strength yarns and encased within a black UV-resistant Flame Retardant PVC inner jacket. A waterblocking tape is applied over the inner cable jacket and a layer of corrugated steel** armor provides rodent protection, as well as increased crush and impact resistance. The entire cable is jacketed with a black UV resistant PE compound, and conveniently located ripcords facilitate armor and jacket removal.

- * Lower fiber count cables also available on request.
- ** Dielectric armor also available on request.

3. Standards

TELDOR is an ISO-9001 Certified Company
 EIA/TIA 455
 IEC-60794
 Waterblocking Test as per EIA/TIA FOTP 82B
 Optical Characteristics as per ISO/IEC 11801

4. Mechanical Characteristics

| | 6 Fibers | 8 Fibers | 12 Fibers | 24 Fibers |
|------------------------------------|-------------|----------|-----------|-----------|
| Cable Diameter | 11 mm | 11.2 mm | 12.2 mm | 15.5 mm |
| Cable Weight | 135Kg/Km | 140Kg/Km | 160Kg/Km | 252Kg/Km |
| Min. Bending Radius – Short Term | 220 mm | 230 mm | 244 mm | 310 mm |
| Min. Bending Radius – Long Term | 220 mm | 230 mm | 244 mm | 310 mm |
| Max. Tensile Strength – Short Term | 2700N | | | |
| Max. Tensile Strength – Long Term | 1600N | | | |
| Max. Crush Resistance | 800 N/cm | | | |
| Operating Temperature | -40 to +70C | | | |
| Storage Temperature | -40 to +70C | | | |
| Installation Temperature | -20 to +70C | | | |

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