



Singlemode Armoured Fiber Cable-Unitube

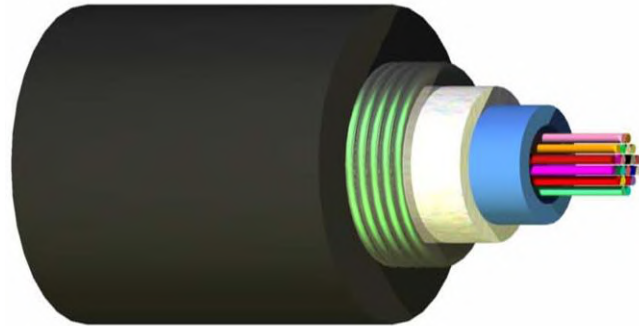
Avalon singlemode armoured (Unitube design) fiber cables are suitable for direct burial underground installation for long haul communication and local area networks. The corrugated steel tape armouring provides excellent strain performance and protects fibers from rodents and faulty damages. The outer sheath is made of HDPE. Easy and quick installation is attributed by its compact, lightweight and extremely rugged construction.

Features

- ITU-T G.652 D
- EC Specifications 60793-2-50 Type B1.3
- TIA/EIA 492-CAAB
- Telecordia's GR-20-CORE
- ISO/IEC 11802
- 9/125 microns ,OS1

Applications:

- 1000BASE-LX
- 10GBASE-LX4
- 10GBASE-LR/LW
- 10GBASE-ER/EW
- 155 Mbps ATM
- 622 Mbps ATM
- FDDI
- 531 Mbps Fiber Channel
- 1062 Mbps Fiber Channel



Specification

| Fiber Count | Diameter(mm) Nominal | Weight (Kg/mm) Nominal | Tensile Strength(N) | | Bending Radius(mm) | |
|-------------|-------------------------|------------------------------|---------------------|-----------|--------------------|-----------|
| | | | Installation | Operating | Temporary | Permanent |
| 2-12 | 11 | 115 | 1200 | 600 | 110 | 220 |

Construction Specification

| PARAMETER | UNIT | SPECIFICATIONS |
|--------------------------------------|-------|--|
| Fiber Identification | | |
| 02F | | Blue and Natural |
| 04F | | Blue, Orange, Green and Natural |
| 06F | | Blue, Orange, Green, Brown, Slate and Natural |
| 08F | | Blue, Orange, Green, Brown, Slate, White, Red, and Natural |
| 12F | | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink and Natural |
| Singlemode Optical Parameters | | |
| Attenuation @ 1310nm | dB/Km | < 0.36 |
| Attenuation p 1550nm | dB/Km | < 0.23 |



| | | |
|-------------------------------|---------|-----------------------|
| Tubing | | Loose Tube |
| Material | | PBTP |
| Diameter | mm | 2.8 (NOMINAL) |
| Colour Of Loose Tube | | Natural |
| Sequence Of Elements | | NA |
| Loose Tube Gel | | Thixotropic Gel |
| Jacketing | | |
| Material | | LSZH |
| Colour | | Black |
| Nominal Thickness | mm | 1.8 (NOMINAL) |
| Overall Diameter | mm | 8.5 (NOMINAL) |
| Armouring | | |
| Type (Peripheral) | | Corrugated Steel Tape |
| Ms Tape Thickness | | > 0.15 |
| Rip Cord | | 02 (BELOW ARMOUR) |
| Strength Member | | Yes |
| Type (Peripheral) | | Glass Yarn |
| Cable Weight (Nominal) | Kg/Km | 92 |
| Tensile Strength | Newtons | 1000 |
| Standard Length | KM | 2.0 + 10 % |

Ordering Information

| Part Number | Description |
|----------------|---|
| ANFC-SM-02C-AR | 02 Core Single Mode UT Armoured Outdoor Fiber Cable - HDPE Sheath |
| ANFC-SM-04C-AR | 04 Core Single Mode UT Armoured Outdoor Fiber Cable - HDPE Sheath |
| ANFC-SM-06C-AR | 06 Core Single Mode UT Armoured Outdoor Fiber Cable - HDPE Sheath |
| ANFC-SM-08C-AR | 08 Core Single Mode UT Armoured Outdoor Fiber Cable - HDPE Sheath |
| ANFC-SM-12C-AR | 12 Core Single Mode UT Armoured Outdoor Fiber Cable - HDPE Sheath |