



Description

Uni Tube, Single Sheath, Indoor-Outdoor G652D Single mode 4 - 24 core Fiber Cable

Mechanical Characteristics

Temperature Range (IEC 60794-1-2-F1)

| | |
|-------------------------|----------------|
| Laying and Installation | -30° to +70° C |
| Operation | -30° to +70° C |
| Transport and Storage | -30° to +70° C |

Cable Bending Radius (IEC 60794-1-2-E11A)

| | |
|---------------------|----------------------------|
| During Installation | 20 x D, D = Cable Diameter |
| Installed | 10 x D, D = Cable Diameter |

Repeated Bending (IEC 60794-1-2-E6)

30 Cycle, r= 20 X D, 5 Kg Load, D = Cable Diameter

Tensile Force (IEC 60794-1-2-E1)

1000 N

Torsion Resistance (IEC 60794-1-2-E7)

10 Cycle (± 180°) 3 Kg Weight, L= 2 Mtr

Crush Resistance (IEC 60794-1-2-E3)

1500 N/ 10cm

Impact Resistance (IEC 60794-1-2-E4)

Height 500 mm, Weight = 4 Kg, 3 Nos

Optical Characteristics

For 9/125 micron

Attenuation

at 1310 nm

≤ 0.36 dB/Km

at 1550 nm

≤ 0.23 dB/Km

Colour Coding

Colour of Fibers in a Tube :

For 4F Blue, Orange, Green, Brown

For 6F Blue, Orange, Green, Brown, Slate, White

For 12F Blue, Orange, Green, Brown, Slate, White, Red, Black
Yellow, Violet, Pink & Aqua

For 24F Blue, Orange, Green, Brown, Slate, White, Red, Black
Yellow, Violet, Pink, Aqua & Natural

Ring Marked Fiber Blue, Orange, Green, Brown, Slate, White, Red,
Yellow, Violet, Pink, Aqua

Delivery Information

Nominal Cable Weight (Kg/Km)
Nominal Cable Diameter (mm)
Standard Length per Drum (Mtr)

Upto 12F Cable

52 +/- 10
6.5 +/- 0.5
2000 +/- 10 %

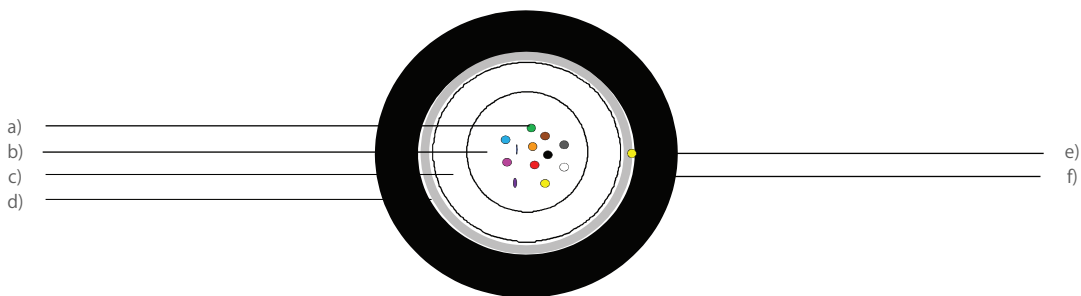
24F Cable

56 +/- 10
6.8 +/- 0.5
2000 +/- 10 %



CABLE CONSTRUCTIONAL DETAILS:

- | | |
|-------------------------------|----------------------------------|
| a) Primary Coated Fiber | G.652D |
| b) Tube Filling Compound | Thixotropic Jelly |
| c) Loose Tube | PBTP |
| d) Peripheral Strength Member | Glass Yarn |
| e) Rip Cords | One ripcord beneath outer sheath |
| f) Outer Sheath | HFFR - BLACK |



ORDERING INFORMATION

PVC

| PART NUMBER | DESCRIPTION |
|--------------|--|
| APIO-7130043 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 4 Core Fiber Cable. |
| APIO-7130063 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 6 Core Fiber Cable. |
| APIO-7130083 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 8 Core Fiber Cable. |
| APIO-7130123 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 12 Core Fiber Cable. |
| APIO-7130243 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 24 Core Fiber Cable. |

LSZH

| PART NUMBER | DESCRIPTION |
|----------------|--|
| APIOZH-7130043 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 4 Core Fiber Cable. |
| APIOZH-7130063 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 6 Core Fiber Cable. |
| APIOZH-7130083 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 8 Core Fiber Cable. |
| APIOZH-7130123 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 12 Core Fiber Cable. |
| APIOZH-7130243 | Apsys Networks Unitube Unarmored Indoor / Outdoor, Singlemode 24 Core Fiber Cable. |

