



Description

Uni Tube, Single Sheath, Indoor-Outdoor Multi mode OM1, OM2, OM3, OM4, 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 %

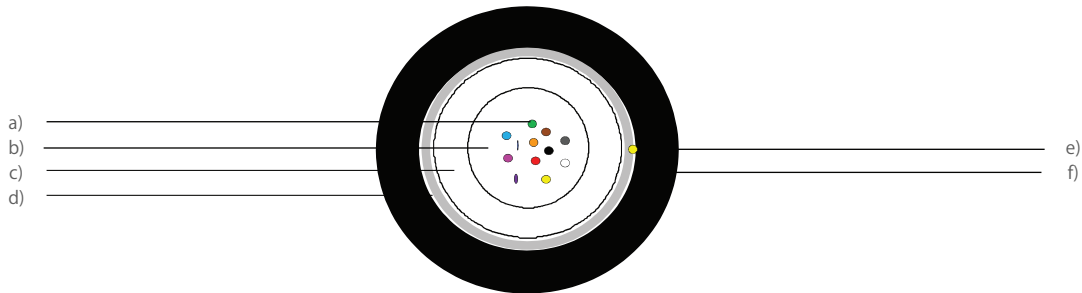
24F Cable

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



CABLE CONSTRUCTIONAL DETAILS:

- | | |
|-------------------------------|--------------------------------------|
| a) Primary Coated Fiber | OM1 62.5 /125, OM2, OM3, OM4 50 /125 |
| 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

OM1

PART NUMBER	DESCRIPTION
APC-F4-OM1	Unitube Unarmored Indoor / Outdoor, Multi-mode OM1 62.5 /125, 4 Core Fiber Cable.
APC-F6-OM1	Unitube Unarmored Indoor / Outdoor, Multi-mode OM1 62.5 /125, 6 Core Fiber Cable.
APC-F8-OM1	Unitube Unarmored Indoor / Outdoor, Multi-mode OM1 62.5 /125, 8 Core Fiber Cable.
APC-F12-OM1	Unitube Unarmored Indoor / Outdoor, Multi-mode OM1 62.5 /125, 12 Core Fiber Cable.
APC-F24-OM1	Unitube Unarmored Indoor / Outdoor, Multi-mode OM1 62.5 /125, 24 Core Fiber Cable.

OM2

PART NUMBER	DESCRIPTION
APC-F4-OM2	Unitube Unarmored Indoor / Outdoor, Multi-mode OM2 50/125, 4 Core Fiber Cable.
APC-F6-OM2	Unitube Unarmored Indoor / Outdoor, Multi-mode OM2 50/125, 6 Core Fiber Cable.
APC-F8-OM2	Unitube Unarmored Indoor / Outdoor, Multi-mode OM2 50/125, 8 Core Fiber Cable.
APC-F12-OM2	Unitube Unarmored Indoor / Outdoor, Multi-mode OM2 50/125, 12 Core Fiber Cable.
APC-F24-OM2	Unitube Unarmored Indoor / Outdoor, Multi-mode OM2 50/125, 24 Core Fiber Cable.



OM3

PART NUMBER	DESCRIPTION
APC-F4-OM3	Unitube Unarmored Indoor / Outdoor, Multi-mode OM3 50/125, 4 Core Fiber Cable.
APC-F6-OM3	Unitube Unarmored Indoor / Outdoor, Multi-mode OM3 50/125, 6 Core Fiber Cable.
APC-F8-OM3	Unitube Unarmored Indoor / Outdoor, Multi-mode OM3 50/125, 8 Core Fiber Cable.
APC-F12-OM3	Unitube Unarmored Indoor / Outdoor, Multi-mode OM3 50/125, 12 Core Fiber Cable.
APC-F24-OM3	Unitube Unarmored Indoor / Outdoor, Multi-mode OM3 50/125, 24 Core Fiber Cable.

OM4

PART NUMBER	DESCRIPTION
APC-F4-OM4	Unitube Unarmored Indoor / Outdoor, Multi-mode OM4 50/125, 4 Core Fiber Cable.
APC-F6-OM4	Unitube Unarmored Indoor / Outdoor, Multi-mode OM4 50/125, 6 Core Fiber Cable.
APC-F8-OM4	Unitube Unarmored Indoor / Outdoor, Multi-mode OM4 50/125, 8 Core Fiber Cable.
APC-F12-OM4	Unitube Unarmored Indoor / Outdoor, Multi-mode OM4 50/125, 12 Core Fiber Cable.
APC-F24-OM4	Unitube Unarmored Indoor / Outdoor, Multi-mode OM4 50/125, 24 Core Fiber Cable.

