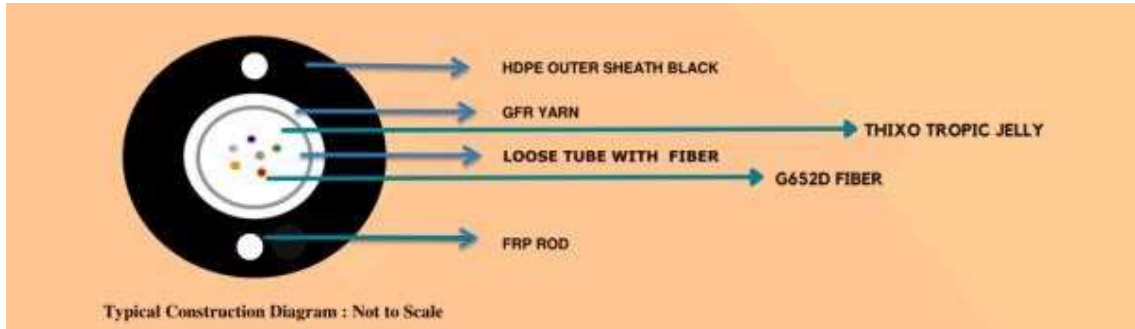


UNITUBE UNARMoured FIBER OPTIC CABLE



Product Information	
Type of Fiber	Single Mode, ITU-T G.652 D
Loose Tube Material	PBT
Loose Tube Diameter OD	2 ± 0.2 mm
Filling Jelly	Thixotropic Jelly
Attenuation (dB/km) @ 1310 nm	≤ 0.4
Attenuation (dB/km) @ 1550 nm	≤ 0.3
Core	Glass Yarn, 600 TEX
Peripheral Strength Member	2 nos. FRP Rod, 0.8 mm Nominal Dia
Cable Sheathing	High Density Polyethylene
Cable Mechanical Characteristics	
Properties	Specified Values
Tensile Strength (N)	500N
Minimum Bend Radius - Short Term	10 X D
Minimum Bend Radius - Long Term	20 X D
Crush Resistance	1000N/ 10cm
Impact Strength	5 Nm
Torsion	± 180°
Environmental Characteristics	
Installation Temperature	-20°C to +70°C
Service Temperature	-20°C to +70°C
Storage Temperature	-20°C to +70°C
Colour Details	
Optical Fiber Colour	Black, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua
Loose Tube Colour	Natural
Sheath Colour	Black
Physical Parameters	
Packing Length	2.0 km ± 5%
Packing	Coil



Cable Construction Details			
Fiber Count	No. of Fiber Per Tube	Overall, Cable Dia	Cable Weight (Kg/ Km)
2	2	5.8 ± 0.3 mm	28 ± 5
4	4	5.8 ± 0.3 mm	28 ± 5
6	6	5.8 ± 0.3 mm	28 ± 5
12	12	5.8 ± 0.3 mm	28 ± 5

Ordering Information

Part Code	Item Description
AM-SMFUT-2F	2F SM G652D UT SINGLE SHEATH UNARMoured FIBER OPTIC CABLE
AM-SMFUT-4F	4F SM G652D UT SINGLE SHEATH UNARMoured FIBER OPTIC CABLE
AM-SMFUT-6F	6F SM G652D UT SINGLE SHEATH UNARMoured FIBER OPTIC CABLE
AM-SMFUT-12F	12F SM G652D UT SINGLE SHEATH UNARMoured FIBER OPTIC CABLE