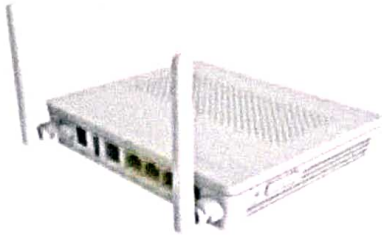
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DUAL BAND



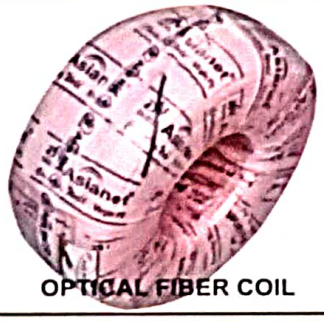
XPON ONU



XPON ONU



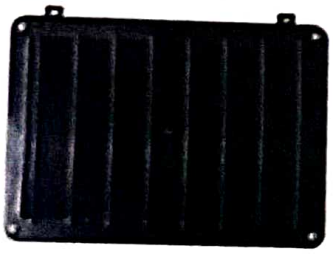
PACTH CORD



OPTICAL FIBER COIL



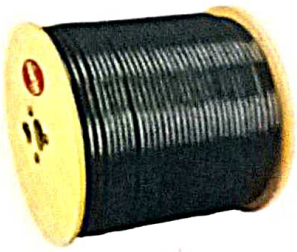
OPTICAL FIBER CABLE



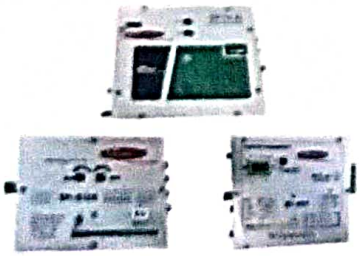
JC BOX



JC BOX



CO-AXIAL CABLE



NODE / AMPLIFIER



FTTH 2, 3 & 4 WAY



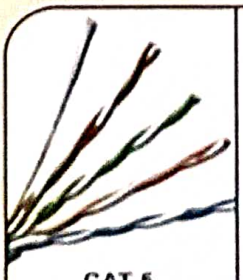
MINI TRANSMETER



FTTH 1 WAY



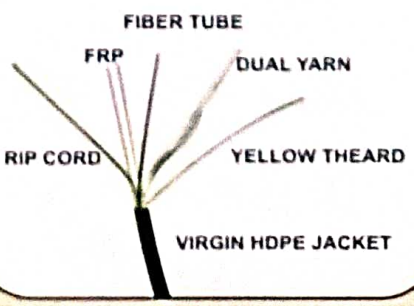
TRANSMETER



CAT-5
CAT-6



CCTV CABLE



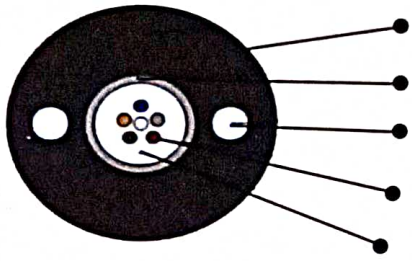
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Technical Data Sheet for 2F, 4F,6F & 12, 24 F UT-SM Unarmoured O.F.Cable

Cable Description	: 2F,4F,6F & 12, 24 F Unarmoured O.F.Cable
Type of Cable	: Single Mode G - 652D

Fiber Allocation Scheme

Tube Colour	Fiber Type	No of Fibers
Natural	SM G 652D	2 / 4 / 6 / 12 /24



Cable Construction Details :

No of Fibers in Tube	: 2 / 4 / 6 / 12 / 24 Fibers per tube as per Fibre Count
Loose Tube	: PBT Loose Tube Filled in Thixotroplic Jelly
Loose Tube Diameter	: 1.9 ± 0.1 mm for 2 F : 1.9 ± 0.1 mm for 4 F : 1.9 ± 0.1 mm for 6 F : 2.1± 0.1 mm for 12 F
Fiber Identifiction	: Blue & Natural For 2 F : Blue, Orange, Green & Natural for 4 F : Blue, Orange, Green, Brown, Slate & Natural for 6 F : Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink & Natural for 12 F
Tube Identification Sequence	: Natural
Strength Member	: Fiber Reinforced Plastic - FRP (0.8 mm) embedded in Sheath
Outer Sheath	: High Density Polyethylene - Black Colour : >=2 mm Nominal

Optical Characteristics for G 652D Fibers

Attenuation @ 1310 nm (dB/Km) @ 1550 nm	: ≤ 0.360 : ≤ 0.220
Fiber Cut off	: ≤ 1320 nm
Wavelength Cable Cut off Wavelength	: ≤ 1260 nm : 9.3 ± 0.5 µm
Mode Field Diameter @ 1310 nm	: 10.4 ± 0.5 µm
Mode Field Diameter @ 1550 nm	: 10.4 ± 0.5 µm
Mode Field Diameter @ 1550 nm	

Dispersion 1285-1330nm : ≤ 3.5ps/nm.km
1270-1340nm : ≤ 5.3ps/nm.km 1550 nm : ≤ 18 ps/nm.km
Zero Dispersion Wavelength : 1300-1324 nm
Zero Dispersion Slope : ≤ 0.092ps/nm2.km PMD
Co-efficient (1310nm & 1550 nm)
At Fiber : ≤ 0.2 ps/sqrt.km
At Cabled Fibre : ≤ 0.3 ps/sqrt.km

Fibre Geometry

Colour Fiber Coating Diameter	: 252 ± 10 µm
Coating Uncloured Fiber	: 242 ± 5 µm
Cladding Diameter	: 125 ±0.7 µm
Coating/Cladding Concentricity	: ≥12 mm
Cladding Non-Circularity	: ≤ 0.8%
Core concentricity Error	: ≤ 0.5µm

Fiber Curl	: ≥ 4m radious curv.
Operating Temperature	: - 20◦ C to + 70◦ C

Cable Mechanical Charasteristics

Max.Tensile Strength (Short Term) : 1000N Max.Tensile Strength (Long Term) : 500N
Crush Resistance : 1000 n/10 cm Minimum Bending Redious (Long Term): 20(D=Cable Dia)
Minimum Bending Redious (Short Term): 10 (D=Cable Dia)

Physical Characteristics

Cable Outer Diameter : 6.0 ± 0.2mm for 2F, 4F & 6F
: 6.0 ± 0.2mm for 12F Nominal
Cable Weight : 30 ± 5 Kg/Km for 2F, 4F & 6 F
: 35 ± 5Kg/Km for 12F
Cable Length Per Drum : 2,2.5,3Km ± 10%