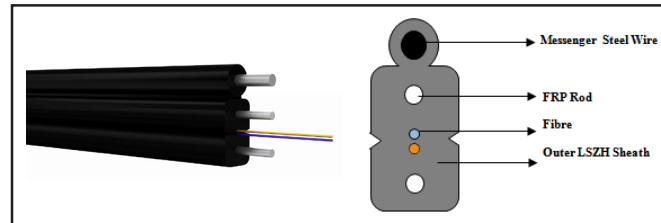


FTTH OUTDOOR DROP CABLE 2F



FEATURES

- Reduces cost and Easy Installation
- Robust and light weight construction
- Complies Telecordia GR-20, IEC 60794, EIA/TIA, ITU-T, EN187000, RUS1755.900
- Suitable for outdoor use

APPLICATION

- FTTH outdoor applications
- Aerial and Duct/Conduit
- Suitable for tight corners and bends
- Broadband network
- Optical Access Network

OPTICAL FIBER CHARACTERISTICS

Fiber Type		G.657A1
Attenuation	at 1310 nm at 1550 nm	≤ 0.38 dB/km ≤ 0.25 dB/km
Chromatic Dispersion	1285 - 1330 nm	≤ 3.5 ps/nm.km
	1550 nm	≤ 18 ps/nm.km
Zero Dispersion Wavelength		1302 - 1324 nm
Zero Dispersion Slope		≤ 0.092 ps/nm ² .km
Polarisation Mode Dispersion		≤ 0.2 ps/√km
Cut-off Wavelength	λ_{cc}	≤ 1260 nm
Mode Field Diameter	at 1310 nm	9.2 ± 0.4 μm
Core Cladding Concentricity Error		≤ 0.5 μm
Cladding Diameter		125 ± 0.7 μm
Cladding Non-circularity		≤ 0.7 %
Cladding Coating Concentricity Error		≤ 12 μm
Coating Diameter		242 ± 5 μm

CABLE CONSTRUCTION DETAILS

Parameter	Dimensions	Type, Color
Number of Fibers	2	Color Bl Or
Peripheral Strength Member	0.55 ± 0.05 mm	FRP Rod
Messenger	1.1 ± 0.1 mm	Steel Wire
Overall Cable Dimensions (W x H)	(2.1 x 5.2) ± 0.2 mm	LSZH - Black
Cable Weight	16 ± 0.2 kg/km	

CABLE MECHANICAL CHARACTERISTICS

Tensile Strength	600 N
Crush Resistance	Short Term - 2200 N/ 100 mm Long Term - 1000 N/ 100 mm
Torsion	$\pm 180^\circ$
Minimum Bend Radius	20 mm After Installation 50 mm During Installation with tension

TEMPERATURE PERFORMANCE

Installation	-20 °C to + 70 °C
Operation	-20 °C to + 70 °C
Storage	-20 °C to + 70 °C

PART NUMBER GENERATOR

INTELFH2OT	Fiber to the Home 2 fiber Outdoor Drop Cable
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