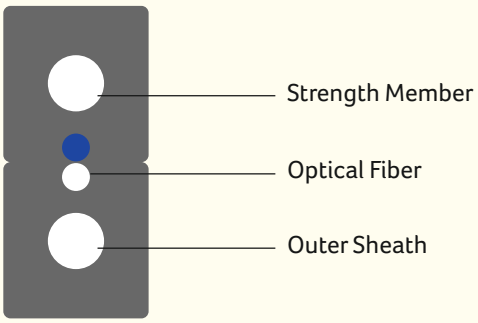
DIGISOL™

FTTH

STRUCTURED CABLING SYSTEMS

DIGISOL FTTH Flat Drop Cable



Introduction:-

DIGISOL FTTH Drop Cable connect the terminal of a distribution cable to a subscriber's premises. Includes central optical fibers with 2 parallel ARP as the strength members placed on both sides with LSZH sheath extruded outside. FTTH Drop Cable is light weight, soft and easy to bend provides smaller bending radius while using G.657A series of fiber.

Key Features:-

- Fiber count 2 fibers
- Robust and Light weight construction
- High tensile strength and metal free
- Suitable for tight corners and bends
- Colour coded fibers for easy identification
- Novel groove design
- Easily strips and splice
- Simplified installation and maintenance
- LSZH sheath
- Environment friendly and good safety

Constructional Specification:-

Parameters	Fiber Cores
Number of Fibers	02 nos.
Fiber Colours	* *
Strength Member	0.5 ± 0.05 mm (ARP Rods - 2nos.)
Outer Sheath	LSZH (white)
Cable Dimensions	Height : (2.0 ± 0.2) mm
	Width : (3.0 ± 0.2) mm
Cable Weight	8.0 ± 2 kg/km

Fiber Colours: * *
02 Fibers: Blue, Orange

Environmental Specifications:-

Storage Temperature : -30 °C to +60° C
Installation Temperature : -30 °C to +60° C
Operating Temperature : -30 °C to +60° C

Standards:-

IEC 60794-1
ANSI/TIA 568-C.3 & ISO/IEC 11801

Applications:-

FTTH Projects
MDU/SDU Residential and Commercial Buildings

Ordering Information:-

Product Code	Description
DGF-CFS3IL-02	DIGISOL FTTH DROP CABLE, SM,2 CORE, LSZH

Mechanical Specifications:-

Parameters	Fiber Core : 02F	Standards
Tensile Strength (long term/short term) (N)	60/80	IEC 60794-1-2-E1
Crush Resistance (long term/short term) (N/100mm)	500/1000	IEC 60794-1-2-E3
Bend Radius (static/dynamic) (mm)	15/30	IEC 60794-1-2-E11

Optical Fiber Specifications:-

Parameters	Fiber Core : 02F
Fiber Type	G.657A2
Attenuation	≤ 0.36 dB/km (@1310 nm)
	≤ 0.22 dB/km (@1550 nm)
Chromatic Dispersion	≤ 3.5 ps/nm.km (@1285 - 1330 nm)
	≤ 18 ps/nm.km (@1550 nm)
Zero Dispersion Wavelength	1300 - 1322 nm
Zero Dispersion Slope	≤ 0.092 ps/nm².km
Polarisation Mode Dispersion	≤ 0.2 ps/√km
Cut-off Wavelength	≤ 1260 nm
Mode Field Diameter	8.6 ± 0.4 µm (@1310 nm)
Core Cladding Concentricity Error	≤ 0.5 µm
Cladding Diameter	125 ± 0.7 µm
Cladding Non-circularity	≤ 1.0%
Coating Diameter	245 ± 10 µm

Cable Size & Standard Length:-

02F : 2.0 kms ± 10%

DIGISOL SYSTEMS LIMITED
215 Atrium Bldg., 2nd Floor,
B-Wing, Opp. Big Cinema,
Courtyard Marriott Compound,
Andheri-Kurla Road,
Andheri (E), Mumbai - 400093.

1800-209-3444
www.digisol.com
helpdesk@digisol.com

@DIGISOLINDIA