

FiFix FTTH UD A nF G657 A1 PU

(6.1 Flexible round drop-cable 1 or 2 fibers)

TU U 27.3-39743416:001:2017

Application

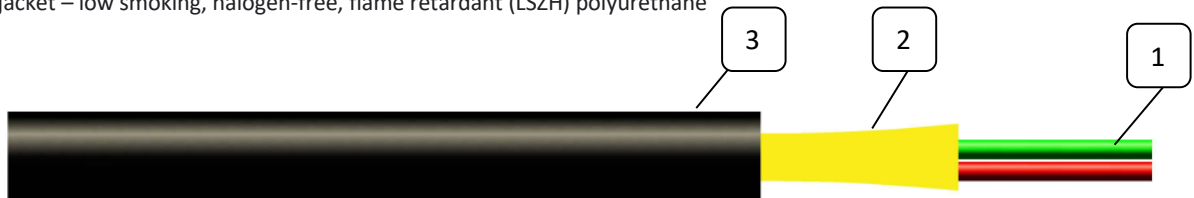
Drop cable is designed for last-one-mile in the FTTx network, enhancing the accessibility to the fiber and maximizes the installation workability.

Advantages

- high performance characteristics: thin and light, flexible, with a small bending radius
- ease of cutting and installation of the cable
- designed for both indoor and outdoor installation

Build structure

- 1 - single-mode optical fiber
- 2 - strength element – aramid threads
- 3 – jacket – low smoking, halogen-free, flame retardant (LSZH) polyurethane



Technical and operational characteristics

Transmission	
Attenuation coefficient at reference wavelengths, dB / km: - 1310 nm - 1550 nm	0,36/0,22
Chromatic dispersion coefficient at reference wavelengths, ps / nm km: - 1310 nm - 1550 nm	3,5/18
Optical fiber type according to ITU-T G. 657 A2	Corning®SMF-ClearCutve LBL
The number of optical fiber in the cable, pcs.	1,2
Cable diameter, mm	3,0 +/- 0,2
Cable weight, kg / km	10
Maximum tensile force (short-term), kN	0,5
Minimum bending radius, mm	20 x cable diameters
Permissible crushing force, no more, N / 100 mm	500
Operating temperature range, ° C	- 40°C - +60°C
Storage temperature range, ° C	- 40°C - +60°C
Installation temperature range, ° C	- 10°C - +60°C
Construction length, km	1,0 (or on demand)

Sheath marking: FiFix FTTH UDA 2F G657 A2 PU manufacturer year 0000

Optical fiber color identification

1	Red	2	Green	3	Blue	4	Yellow
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Cable symbol

1	2	3 -	4 -	5 -	6	7	8 -	9
								Permissible tensile force 0,5 kN
								Protective coating material LSZH - Sheath made of flame retardant, low smoke, halogen-free compounds
								Fiber type G. 657 A1 - Single-mode optical fiber according to ITU-T G. 657 recommendation
								The total number of optical fibers in the cable 1F or 2F
								Power element type A - Aramid threads
								Cable shape r - round
								Outrigger element type D - dielectric strength element
								Application area U - "Universal" - universal for indoor / outdoor use I - "Indoor" - for indoor use
								Cable type FTTH - for building broadband access networks FTTH ("fiber to the house") in residential buildings
Trademark FiFix - "FiFix"								

