

Identification System

1	2	3 -	4 -	5 -	6	7	8 -	9
								Outer sheath: LSZH - Low smoke zero halogen outer sheath PE - Polyethylene outer sheath PVC - Flame retardant polyvinylchloride outer sheath
								Optic fiber type: G. 652 D or C- Singlemode optic fiber meet ITU-T G. 652 G. 657 A1 or A2- Singlemode optic fiber meet ITU-T G. 657
								Number of fibers: 1F..12F
								Form of cable in accordance with an outer diameter: C - round (diameter up to 3,5 mm) R - round (diameter above 3,5 mm)
								Peripheral strength member type: D — Dielectric (Fiber reinforced plastic) Da — Dielectric (Aramid reinforced plastic) M - Metallic (Steel wires)
								Strength member type: D — Dielectric (Fiber reinforced plastic) M - Metallic (Steel wire) Mr - Metallic (Steel rope)
								Application: O - Outdoor U - Universal I - Indoor
								Type of the cable: FTTH
								Trade mark: FiFix

**FIBER TO THE HOME
DROP CABLE
FiFix FTTH UMM**



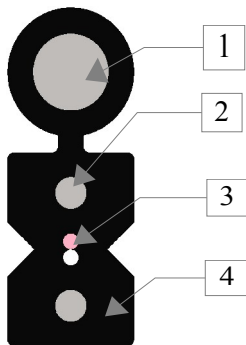
Application

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

Features

- 2 parallel peripheral strength members protecting the fibers ensure good performance of crush resistance;
- Simple structure ,small weight and high practicability;
- Easy jacket removal without special tools
- Easily splice, simplify the installation and maintenance;
- Environmental protection
- Self-support structure

Construction



- 1 — Suspension member – steel wire**
- 2 – Strength member – two steel wires**
- 3 – Singlemode optic fibers meet ITU-T G 657A1**
- 4 – Outer sheath**

Cable properties

Optical			
Attenuation at a reference wavelength, dB/km: - 1310 nm/1550 nm	0.36/0.22	Corning ®SMF-28® UltraFiber ITU-T G.657 A1	
Chromatic Dispersion at a reference wavelength, ps/(nm·km): - 1310 nm/ 1550 nm	3.5/19		
Number of optic fibers in the cables	1; 2	4	8; 12
Cable diameter (H x W), mm	5,2 x 2,0	5,8 x 2,1	6,1 x 2,1
Cable weight, kg/km	20	25	28
Tensile strength, kN	1,0		
Minimum bending radius, mm	20 x cable diameter		
Crush resistanse,N/100 mm	500		
Operating temperature, °C	-40°C - +60°C		
Storage temperature, °C	-20°C - +60°C		
Installation temperature, °C	- 10°C - +60°C		
Length on the reel, km (or by request)	1,0	1,0	1,0

Printing — FiFix FTTH UMM 2F G 657 A1 LSZH 0000