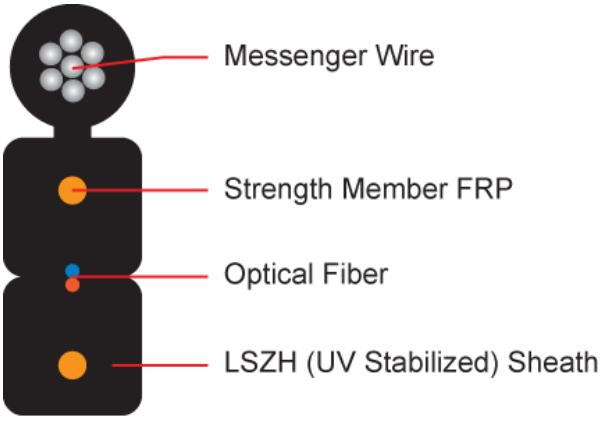


FTTH FLAT, STRANDED DROP CABLE, FR-LSZH, FRP, INDOOR-OUTDOOR

1. DESCRIPTION

LINK FTTH fiber optic cable is designed for use FTTH systems. Small diameter, light, can be used in many situations. Simple structure, anti press, anti pull, anti aging. Small bending fatigue lifetime is several hundred times longer than all standard single mode fiber. The cable complete with black flame retardant LSZH outer jacket.

Features and Benefits

- Optical Fiber ITU-T G.657A2
- Fully compatible ITU-T G.652
- Simple structure, light weight and practical
- Can be with stranded messenger wire (7x0.4 mm) having higher tensile strength
- Two FRP strength member protects the fiber with tensile strength
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket
- Environmental Standards RoHS compliant
- Fire Protection Meet the requirements of IEC 60332-1
- Comply to IEC60754-1&2, IEC61034-2

2. ORDER INFORMATION

FTTH FLAT, STRANDED DROP CABLE, FR-LSZH, FRP, INDOOR-OUTDOOR

Descriptions	1 Core	2 Core	4 Core
FTTH FLAT, STRANDED DROP CABLE, FR-LSZH,FRP, INDOOR-OUTDOOR, G657A2	**UFH9521**	**UFH9522**	**UFH9524**

3. OPTICAL FIBER

Items		Specifications
Fiber Type		SINGLEMODE, G.657A2
Max. / Typ. Attenuation	1310 nm	≤ 0.35 / ≤ 0.33 dB/km
	1383 nm	≤ 0.35 / ≤ 0.31 dB/km
	1490 nm	≤ 0.24 / ≤ 0.22 dB/km
	1550 nm	≤ 0.21 / ≤ 0.19 dB/km
	1625 nm	≤ 0.23 / ≤ 0.20 dB/km
Mode field diameter		8.6 ± 0.4 µm@ 1310 nm
Cladding Diameter		125 ± 0.7µm
Coating Diameter, Primary		242 ± 5 µm
Coating Diameter, Secondary		250 ± 15µm
Core concentricity error		≤ 0.5 µm
Cladding Non-circularity		≤ 1.0 %
Core/Cladding Concentricity error		≤ 0.5 µm
Coating/Cladding Concentricity error		≤ 12 µm
Zero Dispersion Wavelength		1300 ~ 1324 nm
Zero Dispersion Slope		≤ 0.092 ps/(nm^2.km)
Chromatic Dispersion	λ ; 1310 nm	≤ 3.5 ps/nm.km
	λ = 1550 nm	≤ 18 ps/nm.km
	λ = 1625 nm	≤ 22 ps/nm.km

4. MECHANICAL PROPERTIES

Items		Specifications		
Number of Fiber		1 Core	2 Core	4 Core
Strength Member	Material	FRP		
	Diameter	0.5 mm.		
	Number	2		
Outer Jacket	Material	Flame Retardant LSZH		
	Thickness	≥ 0.3 mm.		
Messenger Wire		Stranded Steel Wire 7x0.4 mm (1.2 mm.)		
Cable Outer Diameter		2.0 x 3.0 mm.		
Overall Diameter		2.0 x 5.2 mm.		
Cable Weight		21 kg/km		
Maximum Span Length		40 m		
Maximum Wind Velocity		144 km/hr		
Tensile Strength	Installation	>660 N.		
	Operation	>330 N.		
Crush Resistance		2200 N. / 100 mm.		
Bending Radius	Installation	30 mm.		
	Operation	15 mm.		

5. TEMPERATURE RANGE

- Operation Temperature : -20°C to +70°C
- Installation Temperature : -20°C to +70°C
- Storage/Shipping Temperature : -30°C to +70°C

Specifications subject to change without notice.
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