



UFH9511M
UFH9512M
UFH9514M

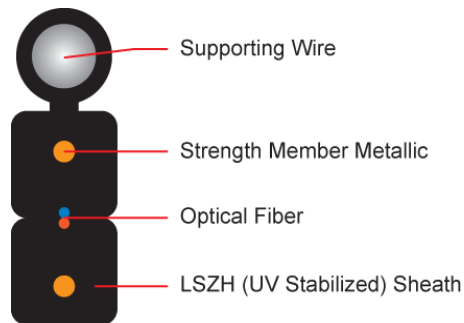
LINK AMERICAN CABLING

FTTx FLAT, SOLID DROP CABLE, FR-LSZH, METALLIC, INDOOR-OUTDOOR

Scope of Application

LINK FTTx/FTTR fiber optic cable is designed to use for FTTx/FTTR systems which is small diameter, light weight, can be used in many solutions. It is simple structure, touch and durable. Also it has small bending and fatigue lifetime is over than all standard of single-mode fiber. The cable jacket is black with FR-LSZH.

Drawing



Technical Standard

- Optical Fiber ITU-T G.657A2
- Fully compatible ITU-T G.652
- Fire Protection Meet the requirements of IEC 60332-1
- Comply to IEC60754-1&2, IEC61034-2
- Environmental Standards RoHS compliant

Features and Benefits

- Simple structure, light weight and practical
- Can be with solid messenger wire (1.0 mm) having higher tensile strength
- Two metallic 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





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 ± 0.7 μm
Coating Diameter, Primary		242 ± 5 μm
Coating Diameter, Secondary		250 ± 15 μm
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

CABLE CONSTRUCTION

Items		Specifications		
Number of Fiber		1 Core	2 Core	4 Core
Strength Member	Material	Steel Wire		
	Diameter	0.45 mm.		
	Number	2		
Outer Jacket	Material	Flame Retardant LSZH		
	Thickness	≥ 0.3 mm.		
Messenger Wire		Galvanized Steel Wire 1.0 mm.		
Cable Outer Diameter		2.0 x 3.0 mm.		
Overall Diameter		2.0 x 5.2 mm.		
Cable Weight		23 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.		



TEMPERATURE RANGE

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

ORDER INFORMATION

FTTx FLAT, SOLID DROP CABLE, LSZH

Descriptions	1 Core	2 Core	4 Core
FTTx FLAT, Solid Drop Cable, LSZH	UFH9511M	UFH9512M	UFH9514M

Specifications subject to change without notice.

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