



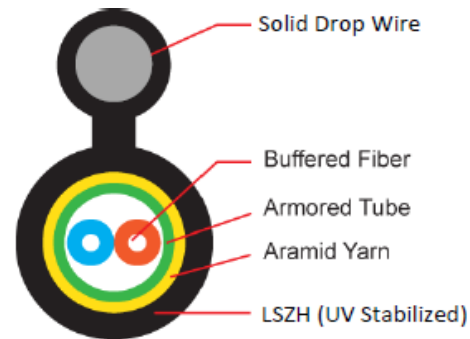
UFH9501RA
UFH9502RA

FTTx ROUND, ARMORED, SOLID DROP WIRE CABLE, FR-LSZH

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
- Aramid yarn strength member protects the fibers with tensile strength
- Corrugate steel tape coat provides rodent protection
- Cable with solid messenger wire (1.2±0.05mm)
- 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
Tight Buffer Diameter		900 μm.	600 μm
Armored Tube	Outer Diameter	1.5 mm.	1.9 mm.
	Material	Flexible stainless steel tape	
Strength Member		Aramid Yarn	
Outer Jacket	Material	FR-LSZH	
	Thickness	0.8 mm.	1.0 mm.
Messenger Wire		Cable with Solid Drop Wire (1.2±0.05mm)	
Cable Diameter		3.5 mm.	4.2 mm.
Overall Cable Diameter		6.5 mm.	7.2 mm.
Cable Weight		35 kg/km	41 kg/km
Maximum Span Length		40 m	
Maximum Wind Velocity		144 km/hr	
Tensile Strength	Installation	800 N	
	Operation	300 N	
Bending Radius	Installation	10D	
	Operation	15D	



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 ROUND, ARMORED, SOLID DROP CABLE, LSZH

Descriptions	1 Core	2 Core
FTTx ROUND, ARMORED, Solid Drop Cable, LSZH	UFH9501RA	UFH9502RA

Specifications subject to change without notice.

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