

## FTTx ROUND, STRANDED DROP

### CABLE, LSZH, INDOOR-OUTDOOR

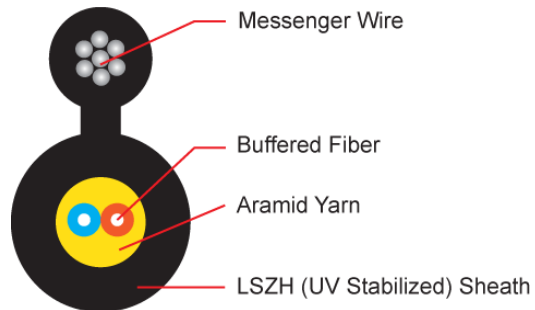


UFH9501R  
UFH9502R  
UFH9504R

#### 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
- Can be with stranded messenger wire (7x0.4mm) having higher 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 <sup>2</sup> .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
Tight Buffer Diameter	900 μm.	600 μm.	
Strength Member	Aramid Yarn		
Outer Jacket	Material	Flame Retardant LSZH	
	Thickness	1.0 mm.	
Messenger Wire	Stranded Steel Wire, 7 x 0.4 mm (1.2 mm)		
Cable Outer Diameter	3.5 mm.		4.0 mm.
Overall Cable Diameter	6.5 mm.		7.0 mm.
Cable Weight	24 kg/km		29 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, STRANDED DROP CABLE, LSZH

Descriptions	1 Core	2 Core	4 Core
FTTx ROUND Stranded Drop Cable, LSZH	UFH9501R	UFH9502R	UFH9504R

Specifications subject to change without notice.

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