



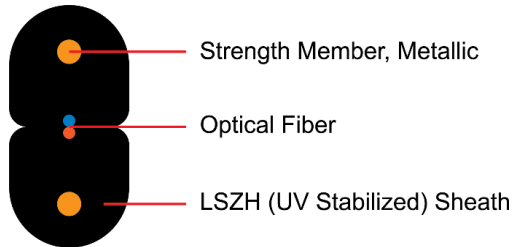
UFH9221  
UFH9222  
UFH9224

LINK AMERICAN CABLING

### Scope of Application

LINK FTTR OVAL, Supper-S Series Cable, LSZH is designed to use for FTTx / FTTR systems which is small diameter, light weight, can be used in many solutions. It is simple structure, tough and durable. Also, it has small bending and fatigue lifetime is over than all standard of singlemode 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
- 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 <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
Strength Member	Material	Metallic		
	Diameter	0.4 mm.		
	Number	2		
Outer Jacket	Material	Flame Retardant LSZH		
	Thickness	≥ 0.3 mm.		
Cable Outer Diameter		2.0 x 3.0 mm.		
Cable Weight (Approx.)		9.3 kg/km.		
Tensile Strength	Installation	200 N.		
	Operation	100 N.		
Crush Resistance		2000 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

### FTTR OVAL, SUPPER-S SERIES CABLE, LSZH

Descriptions	1 Core	2 Core	4 Core
FTTR OVAL, Supper-S Series Cable, LSZH	UFH9221	UFH9222	UFH9224

Specifications subject to change without notice.

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