

# INDOOR DISTRIBUTION

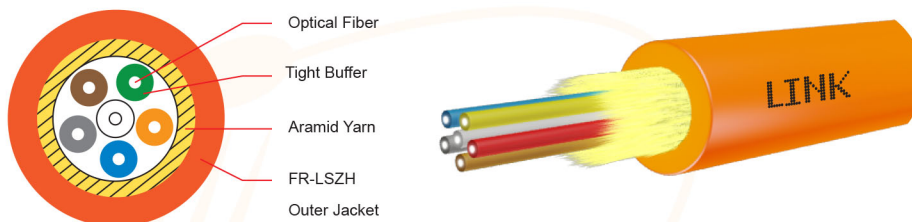


## DESCRIPTION / APPLICATION

- LINK distribution fiber optic cables are designed for indoor communication. These cables are designed to save conduit space and ideal for moderate distance trunking applications. Small size and high strength are features of these cable.
- Application support IEEE802.3 (LAN, Ethernet Fast Ethernet, Gigabit Ethernet and 10G, 40G, 100G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other.

## STANDARDS

- ANSI/TIA/EIA-568.3-D, ANSI/TIA-568-C.3
- ANSI/ICEA 596
- Telcordia(Bellcore)GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- ISO/IEC 11801 : 2011
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC60794-1-2
- EN 50173-1, UL, FR-LSZH & OFNR
- RoHS Compliant



INDOOR DISTRIBUTION  
UFCX2XX

## FEATURES / CONSTRUCTION

- High performance multimode (OM2, OM3, OM4 and OM5) and singlemode (OS2 or G.652D) fiber optic cable.
- Fiber colors identification comply to TIA/EIA-598-C and EIA-359-A.
- 900  $\mu\text{m}$  tight buffer easy to strip and terminated for direct connectorization with all common connector types.
- Aramid yarns provide for strength member.
- Flame-retardant with LSZH (Low Smoke Zero Halogen) outer jacket.

## OPTICAL PERFORMANCES

Optical Transmission Performance	Singlemode		Multimode		
	1310/1383/1550/1625 nm		850/1300 nm		850/953/1300 nm
	9/125 $\mu\text{m}$ (OS2)	50/125 $\mu\text{m}$ (OM2)	50/125 $\mu\text{m}$ (OM3)	50/125 $\mu\text{m}$ (OM4)	50/125 $\mu\text{m}$ (OM5)
Max. Attenuation (dB/km)	0.35 / 0.35 / 0.21 / 0.23	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 2.0 / 0.8
Typ. Attenuation (dB/km)	0.33 / 0.31 / 0.19 / 0.20	2.5 / 0.7	2.3 / 0.6	2.3 / 0.6	2.3 / 1.8 / 0.6
Bandwidth (MHz/km)	N / A	500 / 500	1500 / 500	3500 / 500	3500 / 1850 / 500
850 nm Laser bandwidth (MHz/km)	N / A	N / A	2,000	4,700	4,700
Numerical Aperture	0.13 $\pm$ 0.01	0.200 $\pm$ 0.015	0.200 $\pm$ 0.015	0.200 $\pm$ 0.015	0.200 $\pm$ 0.015

## MECHANICAL PROPERTIES

	UFCX2XX 4 ~ 12 Core	
Max. Tensile Load, Installation	600 / 300	N
Cable Diameter, approx.	4.8 ~ 6.8 $\pm$ 0.2	mm
Cable Weight, approx.	21 ~ 42	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	Cable Diameter
Installation / Operation Temperature	-20°C to +80°C	
Storage / Shipping Temperature	-40°C to +85°C	

## PART NUMBER : INDOOR DISTRIBUTION

Description	4 Core	6 Core	12 Core
Singlemode, 9/125 $\mu\text{m}$ , OS2	UFC9204LSZH	UFC9206LSZH	UFC9212LSZH
Multimode, 50/125 $\mu\text{m}$ , OM2	UFC5204LSZH	UFC5206LSZH	UFC5212LSZH
XG Multimode, 50/125 $\mu\text{m}$ , OM3	UFC4204	UFC4206	UFC4212
Multimode, 50/125 $\mu\text{m}$ , OM4	UFC3204	UFC3206	UFC3212
Multimode, 50/125 $\mu\text{m}$ , OM5	UFC2204	UFC2206	UFC2212