

## Description/Application



- LINK Outdoor/Indoor, Dropwire fiber optic cable special design used for campus backbone (inter-building), building backbone (intra-building), together with outdoor and indoor installation
- Small diameter and lightweight
- Designed for aerial installation with messenger drop wire
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel CATV, CCTV, FTTX or other

## Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC60332-1
- IEC 61034-2, IEC60754-2
- EN 50173-1, TIS 2166-2548
- EN 50173-1
- RoHS Compliant

## Optical Performances

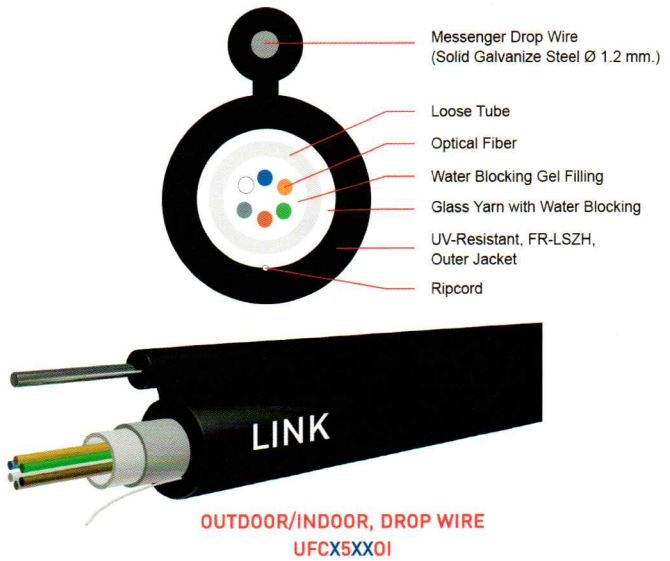
Optical Transmission Performance	Singlemode 1310/1383/1550/1625 nm	Multimode 850/1300 nm			
	9/125 μm (OS2)	62.5/125 μm (OM1)	50/125 μm (OM2)	50/125 μm (OM3)	50/125 μm (OM4)
Max. Attenuation (dB/km)	0.35 / 0.35 / 0.21 / 0.23	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.33 / 0.31 / 0.19 / 0.20	2.7 / 0.6	2.5 / 0.7	2.3 / 0.6	2.3 / 0.6
Bandwidth (MHz/km)	N / A	200 / 600	500 / 500	1500 / 500	3500 / 500
850 nm Laser bandwidth (MHz/km)	N / A	N / A	N / A	2000	4700
Numerical Aperture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

## Mechanical Properties

	UFCX5XX01	
Max. Tensile Load, Installation / Operation	1200 / 600	N
Max. Span Length	40 - 80	m
Max. Crush Resistance	1500	N / 10 cm
Cable Diameter, approx.	5.6 - 6.1 ± 0.5	mm
Overall Diameter, approx.	9.3 - 9.8 ± 1.0	mm
Cable Weight, approx.	52 ± 5 to 58 ± 5	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

## Part Number

Description	4 Core	6 Core	12 Core
Singlemode, 9/125 μm, OS2	UFC95040I	UFC95060I	UFC95120I
Multimode, 62.5/125 μm, OM1	UFC65040I	UFC65060I	UFC65120I
Multimode, 50/125 μm, OM2	UFC55040I	UFC55060I	UFC55120I
XG Multimode, 50/125 μm, OM3	UFC45040I	UFC45060I	UFC45120I
Multimode, 50/125 μm, OM4	UFC35040I	UFC35060I	UFC35120I



## Features/Construction

- High performance multimode (OM1, OM2, OM3 and OM4) and singlemode (OS2 or G.652D) fiber optic cable
- Fiber colors identification comply to TIA/EIA-598-C and EIA-359-A
- PBT Loose tube design provides high strength and low shrinkage with thixotropic jelly filled loose tube for water penetration protection
- Water blocking E- glass yarns provide for strength member double protection and safety for outdoor environment
- Ripcord is easy to strip
- UV-resistant, Flame-retardant black PE with LSZH (Low Smoked Zero Halogen) outer jacket
- Messenger wire provide by 1.2 mm. galvanize steel wire