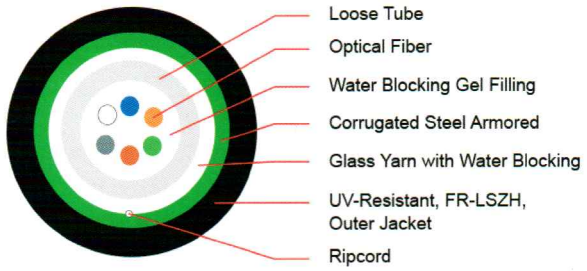
Description/Application

- LINK Outdoor/Indoor,Armored , fiber optic cable special design used for campus backbone (inter-building) , building backbone (inter-building) , together with outdoor and indoor installation
- Small diameter and lightweight design to save space inside duct
- Designed for direct burial, duct and lash-aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTX or other



Outdoor/Indoor, Armored, Single Tube
UFCX3XXA

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
-IEC 60793, IEC60794-1-2, EIA-455
-EN 50173-1, TIS 2165-2548
-RoHS Compliant

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 yarms provide for strength member double protection and safety for outdoor environment
- Ripcord is easy to strip
- Corrugated steel tape coat with polymer provides rodent protection
- UV-resistant, Flame-retardant black PE with LSZH (Low Smoked Zero Halogen) outer jacket

Optical Preformances

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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX3XXA 4 - 6 Core	UFCX312A 12 Core	
Max. Tensile Load, Installation / Operation	1800 / 1000	1800 / 1500	N
Max. Crush Resistance	2000	2000	N / 10 cm
Cable Diameter, approx.	7.9 ± 0.5	8.4 ± 0.5	mm
Cable Weight, approx.	75 ± 0.5	82 ± 0.5	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	20x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	-40°C to +75°C	

Part Number

Description	4 Core	6 Core	12 Core
Singlemode, 9/125 µm, OS2	UFC9304A	UFC9306A	UFC9312A
Multimode, 62.5/125 µm, OM1	UFC6304A	UFC6306A	UFC6312A
Multimode, 50/125 µm, OM2	UFC5304A	UFC5306A	UFC5312A
XG Multimode, 50/125 µm, OM3	UFC4304A	UFC4306A	UFC4312A
Multimode, 50/125 µm, OM4	UFC3304A	UFC3306A	UFC3312A