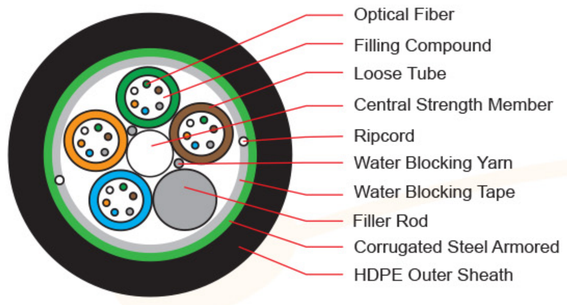
ARMORED, MULTI-TUBE SINGLE or DOUBLE JACKET

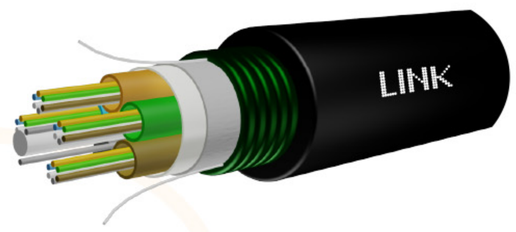
DESCRIPTION / APPLICATION

- LINK Outdoor/Armored, fiber optic cable special design used for campus backbone (inter-building), building backbone (intra-building), outdoor 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, 40G, 100G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTX or other.

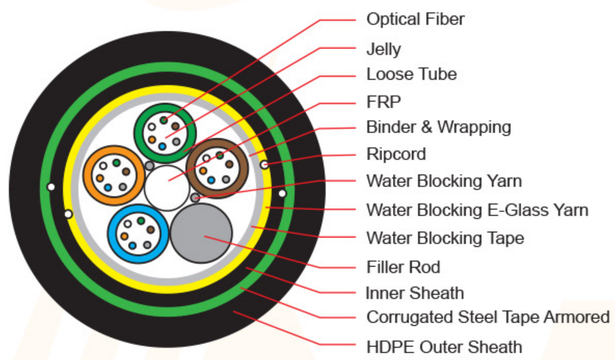
STANDARDS

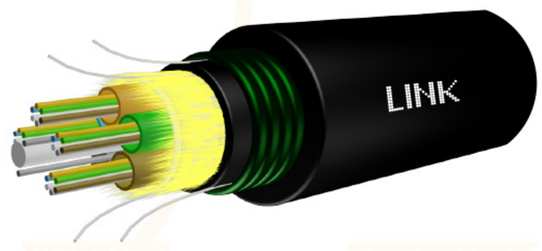
- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore) GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, 2165
- RoHS Compliant





OUTDOOR, Armored, Multi-Tube, Single Jacket
UFCX6XXM





OUTDOOR, Armored, Multi-Tube, Double Jacket
UFCX6XXMD

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
- PBT Loose tube design provides high strength and low shrinkage with thixotropic jelly filled loose tube for water penetration protection.
- E-glass yarn with water blocking provide for strength menber and water blocking. (for UFCX6XXMD)
- High Strength Steel Wire Central Strength Member provide for tensile strength (FRP available on Request)
- Water blocking tape provide for double protection and safety for outdoor environment.
- Ripcord is easy to strip.
- Corrugated steel tape coat with polymer provides rodent protection.
- UV-resistant, black HDPE outer jacket.
- Multi tube structure contain up to 312 core.

OPTICAL PREFORMANCES

Optical Transmission Performance	Singlemode 1310/1383/1550/1625 nm	Multimode			
		850/1300 nm			850/953/1300 nm
	9/125 µm (OS2)	50/125 µm (OM2)	50/125 µm (OM3)	50/125 µm (OM4)	50/125 µm (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 / 2.3 / 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 / 2.0 / 0.6
Bandwidth (MHz/km)	N / A	500 / 500	1,500 / 500	3,500 / 500	3500 / 1850 / 500
850 nm Laser bandwidth (MHz/km)	N / A	N / A	2,000	4,700	4,700
Numerical Aparture	0.13 ± 0.01	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

MECHANICAL PROPERTIES

	UFCX6XXM 6 ~ 72 Core	UFCX6XXMD 6 ~ 72 Core	
Max. Tensile Load, Installation / Operation	2,700 / 1,500	3,000 / 1,800	N
Max. Crush Resistance	3,400	4,400	N / 10 cm
Cable Diameter, approx.	10 ~ 11± 1.0	11.8 ~ 13.8±1.0	mm
Cable Weight, approx.	90 ~ 125±10	120 ~ 150±1.0	kg / km
Min. Bending Radius, Installation / Operation	20x / 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 : ARMORED, MULTI-TUBE SINGLE JACKET

Description	24 Core	48 Core	60 Core	72 Core
Singlemode, 9/125 µm, OS2	UFC9624M	UFC9648M	UFC9660M	UFC9672M
Multimode, 50/125 µm, OM2	UFC5624M	UFC5648M	UFC5660M	UFC5672M
XG Multimode, 50/125 µm, OM3	UFC4624M	UFC4648M	UFC4660M	UFC4672M
Multimode, 50/125 µm, OM4	UFC3624M	UFC3648M	UFC3660M	UFC3672M
Multimode, 50/125 µm, OM5	UFC2624M	UFC2648M	UFC2660M	UFC2672M

Remark : For ARMORED, MULTI-TUBE DOUBLE JACKET add MD on Part Number eg. UFCX6XXMD