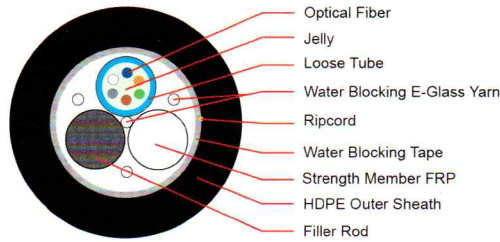


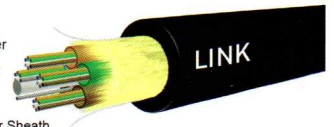
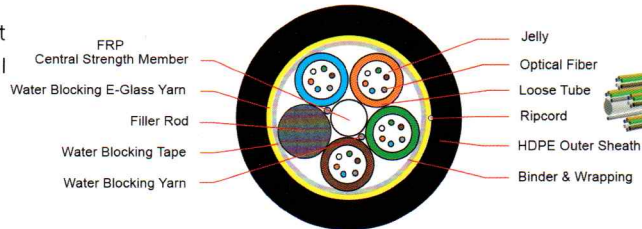
Description/Application



- LINK ADSS (All-Dielectric Self Support), outdoor/multi-tube, fiber optic cable special design used for campus backbone (inter-building), metro/access network and outdoor installation
- Small diameter and lightweight
- Designed for duct and aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other



Mini-ADSS
UFCX7XXMN



ADSS Multi-Tube
UFCX7XXCM

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1, IEEE P-1222 , TIS 2166-2548
- 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
- FRP central strength member provide for tensile strength
- Water blocking yarns & tape provide for double protection and safety for outdoor environment
- Aramid yarns provide strength member
- Ripcord is easy to strip
- Inner jacket black MDPE (for UFCX7XXMD)
- Outer jacket UV-resistant, black HDPE
- Up to 312 core

Optical Performances

Optical Transmission Performance	Singlemode	Multimode			
	1310/1383/1550/1625 nm	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

	UFCX7XXM	UFCX7XXMD	
Max. Tensile Load, Installation / Operation	4 - 24 Core 1200 / 600	4 - 72 Core 1800 / 900	N
Max. Span Length	40 - 80	40 - 80	m
Max. Crush Resistance	2,200	2,200	N / 10 cm
Cable Diameter, approx.	6.9-7.4 ± 0.5	9.2-9.9 ± 1.0	mm
Cable Weight, approx.	43-50 ± 5	60-78 ± 10	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

Description	6 Core	12 Core	24 Core	48 Core	60 Core	72 Core
MINI ARSS / Singlemode, 9/125 μm, OS2	UFC9706MN	UFC9712MN	UFC9724MN	-	-	-
ARSS / Singlemode, 9/125 μm, OS2	UFC9706CM	UFC9712CM	UFC9724CM	UFC9748CM	UFC9760CM	UFC9772CM
MINI ARSS / Multimode, 50/125 μm, OM2	UFC5706MN	UFC5712MN	UFC5724MN	-	-	-
ARSS / Multimode, 50/125 μm, OM2	UFC5706CM	UFC5712CM	UFC5724CM	UFC5748CM	UFC5760CM	UFC5772CM