

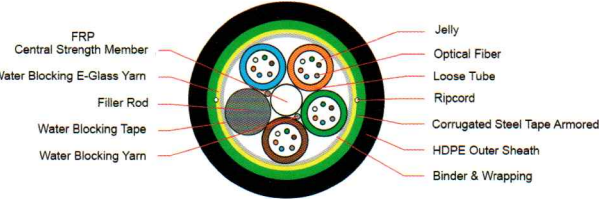
### Description/Application



- LINK ARSS (Anti-Rodent Self Support), outdoor/ multi-tube, fiber optic cable special design used for campus backbone (inter-building), metro / access network and outdoor installation
- 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



ADSS Multi-Tube

### 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, 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 Tape & yarns provide for double protection and safety for outdoor environment
- Water blocking yarns and Water blocking E-glass yarns provide strength member
- Corrugated steel tape coat with polymer provides rodent protection
- Ripcord is easy to strip
- Inner jacket black MDPE (for UFCX7XXMAD)
- Outer jacket UV-resistant, black HDPE
- Up to 312 Core for ARSS

### 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

	UFCX7XXA 6 - 24 Core	UFCX7XXMA 6 - 72 Core	
Max. Tensile Load, Installation / Operation	1200 / 600	1800 / 900	N
Max. Span Length	40 - 80	40 - 80	m
Max. Crush Resistance	3400	3400	N / 10 cm
Cable Diameter, approx.	8.5-8.8 ± 0.5	10.3-11.2 ± 1.0	mm
Cable Weight, approx.	60-65 ± 5	90-110 ± 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	UFC9706A	UFC9712A	UFC9724A	-	-	-
ARSS / Singlemode, 9/125 μm, OS2	UFC9706MA	UFC9712MA	UFC9724MA	UFC9748MA	UFC9760MA	UFC9772MA
MINI ARSS / Multimode, 50/125 μm, OM2	UFC5706A	UFC5712A	UFC5724A	-	-	-
ARSS / Multimode, 50/125 μm, OM2	UFC5706MA	UFC5712MA	UFC5724MA	UFC5748MA	UFC5760MA	UFC5772MA