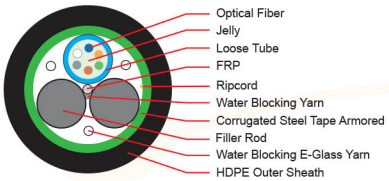
MINI ARSS / 3 - TWISTED TUBE, ARMORED & ARSS / MULTI-TUBE, ARMORED, SINGLE JACKET

DESCRIPTION / APPLICATION

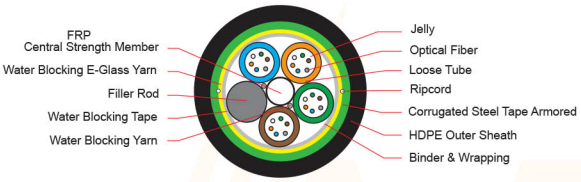
- LINK ARSS (Anti-Rodent Self Support), outdoor/multi-tube, fiber optic cable special design used for campus backbone (inter- building), metro/access
- High tensile strenght and Rodent protection.
- Designed for aerial, duct and direct burial installation.
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet 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, TIS 2166
- RoHS Compliant



MINI ARSS, SINGLE JACKET
UFCX7XXA



ARSS, SINGLE JACKET
UFCX7XXMA

FEATURES / CONSTRUCTION

- High performance multimode (OM2, OM3, OM4 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.
- Corrugated steel tape coat with polymer provides rodent protection.
- Ripcord is easy to strip.
- Water blocking E-glass yarns provide additional strength member.
- UV-resistant, black HDPE outer jacket, Up to 312 core for ARSS, up to 24C for mini ARSS.

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 / 0.20 / 0.23	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 2.0 / 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 / 1.8 / 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

	UFCX7XXA 6 ~ 24 Core	UFCX7XXMA 6 ~ 72 Core	
Max. Tensile Load, Installation / Operation	1,200 / 600	1,800 / 1,000	N
Max. Span Length	40 ~ 80	40 ~ 80	m
Max. Crush Resistance	3,400	3,400	N / 10 cm
Cable Diameter, approx.	8.5 ~ 8.8 ± 0.5	10.3 ~ 12.4 ± 1.0	mm
Cable Weight, approx.	60 ~ 65 ± 5	90 ~ 135 ± 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 : ARSS, MINI ARSS, MULTI-TUBE, ARMORED SINGLE JACKET

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