

# MINI ADSS / 3 - TWISTED TUBE & ADSS MULTI-TUBE, SINGLE JACKET

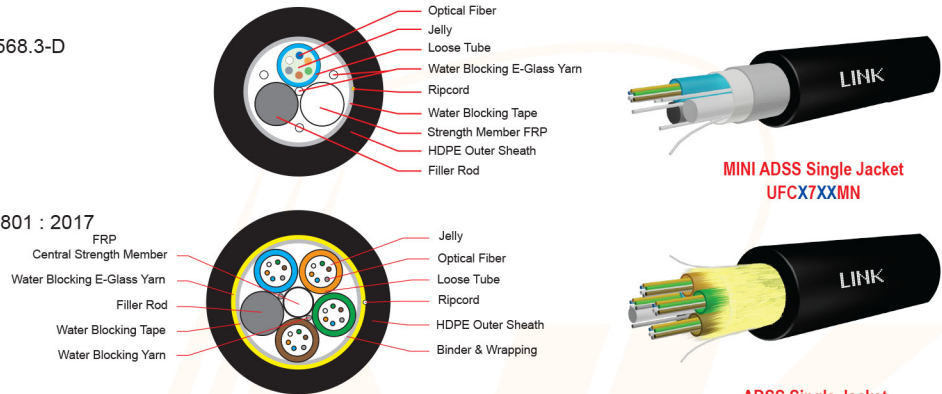


## DESCRIPTION / APPLICATION

- 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, 40G, 100G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other.

## STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA/EIA-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- IEEE P-1222
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2011, ISO/IEC 11801 : 2017
- IEC 60793, IEC60794-1-2
- EN 50173-1, EN 187000
- TIS 2166-2548
- RoHS Compliant



MINI ADSS Single Jacket  
UFCX7XXMN

ADSS Single Jacket  
UFCX7XXCM

## 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.
- FRP central strength member provide for tensile strength.
- Water blocking yarns & tape provide for double protection and safety for outdoor environment.
- Water blocking E-glass yarns provide strength member.
- Ripcord is easy to strip.
- Outer jacket UV-resistant, black HDPE.
- Up to 312 core for ADSS, up to 24C for mini ADSS.

## OPTICAL PERFORMANCES

Optical Transmission Performance	Singlemode		Multimode		
	1310/1383/1550/1625 nm		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	3,500 / 500 / 1,850
850 nm Laser bandwidth (MHz/km)	N / A	N / A	2,000	4,700	4,700
Numerical Aperture	0.13 ± 0.01	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

## MECHANICAL PROPERTIES

	UFCX7XXMN 4 ~ 24 Core	UFCX7XXCM 4 ~ 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	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 ± 0.5	60 ~ 78 ± 10.0	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 : ADSS, MINI ADSS, OUTDOOR / MULTI-TUBE, SINGLE JACKET

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