

OUTDOOR, CTV STRANDED DROP WIRE, ARMORED

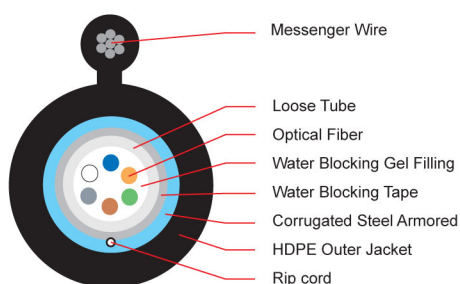


DESCRIPTION / APPLICATION

- LINK Outdoor, CTV Stranded Drop Wire, fiber optic cable special design used for campus backbone (inter-building) metro/access network and outdoor installation
- Small diameter and lightweight
- Designed for aerial installation with stranded messenger wire
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other

STANDARDS

- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801:2002
- ISO/IEC 11801:2011(Ed.2.2)
- IEC 60793, IEC60794-1-2
- EN 50173-1, TIS 2166-2548
- RoHS Compliant



Outdoor, Stranded Drop Wire, Armored
UFCX5XXDSA

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
- Water blocking tape provide for double protection and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection
- Messenger wire provide by 7 x 0.53 mm.(1.6 mm.) stranded galvanize steel wire for tensile strength
- UV-resistant, black HDPE outer jacket

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 / 0.20 / 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

UFCX5XXDSA

Max. Tensile Load, Installation / Operation	1,500 / 800	N
Max. Span Length	50	m
Max. Crush Resistance	4,400	N / 10 cm
Cable Diameter, approx.	8.2 ± 0.2	mm
Overall Diameter, approx.	13.8 ± 0.5	mm
Cable Weight, approx.	90 ± 10	kg / km
Min. Bending Radius, Installation / Operation	20x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

PART NUMBER : OUTDOOR, CTV STRANDED DROP WIRE, ARMORED

Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 μm, OS2	UFC9504DSA	UFC9506DSA	UFC9508DSA	UFC9512DSA
Multimode, 62.5/125 μm, OM1	UFC6504DSA	UFC6506DSA	UFC6508DSA	UFC6512DSA
Multimode, 50/125 μm, OM2	UFC5504DSA	UFC5506DSA	UFC5508DSA	UFC5512DSA
XG Multimode, 50/125 μm, OM3	UFC4504DSA	UFC4506DSA	UFC4508DSA	UFC4512DSA
Multimode, 50/125 μm, OM4	UFC3504DSA	UFC3506DSA	UFC3508DSA	UFC3512DSA