



FIBER OPTIC System

SINGLE or 3-TWISTED TUBE , DROP-WIRE / ARMORED



Fiber Cabling & Networking ... Fiber INTERLINK Tel. 02-666-1111 (100 Lines)

Application

- 25/40/50/100/200/400Gbps Ethernet
- IEEE802.3ae 10G Ethernet
- IEEE802.3z Gigabit Ethernet
- IEEE802.3u Fast Ethernet
- 52/155/622Mbps , 1.2Gbps ATM
- FDDI, Fiber Channel
- FTTx, CATV, CCTV and others

Standards

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

Optical Performances

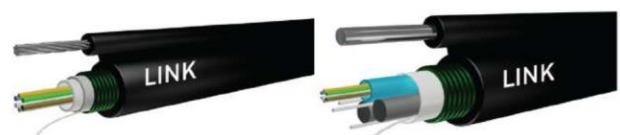
Optical Transmission Performance	Singlemode	Multimode			
	1310/1383/1550/1625 nm	850/1300 nm		850/953/1300 nm	
	9/125 μm [OS2]	50/125 μm [OM2]	50/125 μm [OM3]	50/125 μm [OM4]	50/125 μm [OM5]
Max. Attenuation (dB/km)	0.35 / 0.35 / 0.21 / 0.23	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7/2.3/0.8
Typ. Attenuation (dB/km)	0.33 / 0.31 / 0.19 / 0.20	2.5 / 0.7	2.3 / 0.6	2.3 / 0.6	2.3/2.0/0.6
Bandwidth [MHz/km]	N / A	500 / 500	1500 / 500	3500 / 500	3500/1850/500
850 nm Laser bandwidth [MHz/km]	N / A	N / A	2000	4700	4700
Numerical Aperture	0.13 ± 0.01	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200±0.015

Mechanical Properties

	UFCX5XXDSA	UFC95XXMDA	
Max. Tensile Load, Installation / Operation	1200 / 600	1800 / 1000	N
Max. Span Length	40 - 80	40-80	m
Max. Crush Resistance	2200	3400	N / 10 cm
Conductor cross-sectional area	-	-	mm ²
Cable Diameter, approx.	7.7 - 8.2 ± 0.5	8.5 - 8.8 ± 0.5	mm
Overall Diameter, approx.	11.4 -11.9 ± 1.0	12.6 -12.9 ± 1.0	mm
Cable Weight, approx.	67 -75 ± 10	85 -90 ± 5.0	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

Description	4 Core	6 Core	12 Core	24 Core
Singlemode, 9/125 μm, OS2 , Stranded Drop wire	UFC9504DSA	UFC9506DSA	UFC9512DSA	-
Multimode, 50/125 μm, OM2, Stranded Drop wire	UFC5504DSA	UFC5506DSA	UFC5512DSA	-
Singlemode, OS2, 3 Twisted TUBE,Solid Drop wire	UFC9504MDA	UFC9506MDA	UFC9512MDA	UFC9524MDA



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
- E-glass yarn with water blocking provide for streng member water blocking and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection
- Messenger wire provide by 7 x 0.4 mm [1.2 mm] stranded galvanize steel wire for tensile strength or 1.6 mm solid galvanize steel wire for MDA Series
- UV-resistant, black HDPE outer jacket

PRICE LIST 2565
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