



OUTDOOR/INDOOR, ARMORED / Direct Burial



FIBER OPTIC System

Fiber Cabling & Networking ... Fiber INTERLINK Tel. 02-866-1111 (100 Lines)

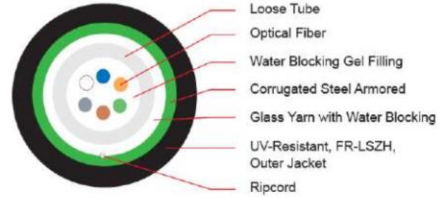
Application

- 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/ICEA 696, ANSI/ICEA 596, ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE, GR-409-CORE
- ITU-T G.651 [Multimode]
- ITU-T G.652D [Single mode]
- ISO/IEC 11801:2017, EN 50173-1
- IEC 60332-1-2
- IEC 61034-2, IEC60754-2
- IEC 60793, IEC60794-1-2
- TIS 2165-2548
- RoHS Compliant



Outdoor/Indoor, Armored, Single Tube
UFCX3XXA

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 strength member water blocking and Safety for outdoor environment
- Ripcord is easy to strip
- Corrugated steel tape coat with polymer provides rodent protection
- UV-resistant, Flame-retardant black PE with LSZH [Low Smoked Zero Halogen] outer jacket

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

Max. Tensile Load, Installation / Operation
Max. Crush Resistance
Cable Diameter, approx.
Cable Weight, approx.
Min. Bending Radius, Installation / Operation
Installation / Operation Temperature
Storage / Shipping Temperature

	UFCX3XXA	UFCX312A	UFCX324MA	
	4 - 6 Core	12 Core	24 Core	
Max. Tensile Load, Installation / Operation	1800 / 900	1800 / 900	1800 / 1000	N
Max. Crush Resistance	2200	2200	3400	N / 10 cm
Cable Diameter, approx.	7.9 ± 0.5	8.4 ± 0.5	10.3 ± 1.0	mm
Cable Weight, approx.	75 ± 5	82 ± 5	90 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	15x / 10x	20x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	-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	UFC9304A	UFC9306A	UFC9312A	UFC9324MA
Multimode, 50/125 μm, OM2	UFC5304A	UFC5306A	UFC5312A	UFC5324MA
XG Multimode, 50/125 μm, OM3	UFC4304A	UFC4306A	UFC4312A	UFC4324MA
Multimode, 50/125 μm, OM4	UFC3304A	UFC3306A	UFC3312A	UFC3324MA
Multimode, 50/125 μm, OM5	UFC2304A	UFC2306A	UFC2312A	UFC2324MA

PRICE LIST 2565