LINK®

Link for the perfect Cabling

CATALOG

CABLE, FDU, CONNECTOR, PIGTAIL, PATCH CORD, TELECOM, FTTX, TOOLS & TESTER

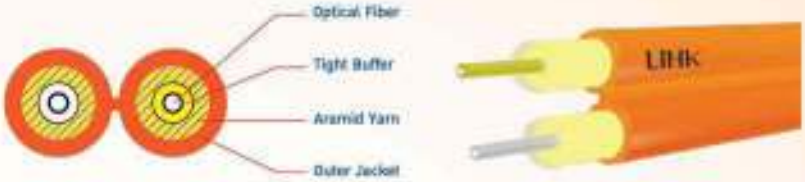
FIBER OPTIC

INDOOR SIMPLEX & ZIPCORD

Description/Application

- LINK simplex and zipcord fiber optic cables are designed for indoor communication. These cables are designed to pigtail and patch cord applications. Small size and high strength are features of these cable.
- Application support IEEE802.3 (LAN, Ethernet Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other

SIMPLEX
UFCX201



ZIPCORD
UFCX202

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-409-CORE
- ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC60332-1
- IEC 60793, IEC60794-1-2, EIA/TIA-455
- UL Listed E337497
- RoHS Compliant

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
- 900 µm tight buffer easy to strip and terminated for direct connectorization with all common connector types
- Aramid yarns provide for strength member
- FR-PVC jacketed cables meet the requirements of National Electrical Code (NEC article 770) and is OFNR listed (Optional for LSZH Jacket).
- Available jacket 3.0 mm. and 2.0 mm.

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	SIMPLEX	ZIPCORD	
Maximum Tensile Load, Installation / Operation	500 / 250	1000 / 500	N
Cable Diameter, Jacket 3 mm. / Jacket 2 mm., approx.	2.9 ± 0.1 / 2.0 ± 0.1	2.9 ± 0.1 / 2.0 ± 0.1	mm
Cable Weight, Jacket 3 mm. / Jacket 2 mm., approx.	9 / 5	17 / 9	kg / km
Minimum Bending Radius, Installation / Operation	15x / 10x	15x / 10x	mm
Installation / Operation Temperature	-20°C to +70°C	-20°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	-40°C to +75°C	

Part Number

Description	Simplex		Duplex (zipcord)	
	3.0 mm. Jacket	2.0 mm. Jacket	3.0 mm. Jacket	2.0 mm. Jacket
Singlemode, 9/125 µm, OS2	UFC9201	UFC9201-2	UFC9202	UFC9202-2
Multimode, 62.5/125 µm, OM1	UFC6201	UFC6201-2	UFC6202	UFC6202-2
Multimode, 50/125 µm, OM2	UFC5201	UFC5201-2	UFC5202	UFC5202-2
XG Multimode, 50/125 µm, OM3	UFC5201XG	UFC5201XG-2	UFC5202XG	UFC5202XG-2
Multimode, 50/125 µm, OM4	UFC5201OM4	UFC5201OM4-2	UFC5202OM4	UFC5202OM4-2

INDOOR DISTRIBUTION

Description/Application

- LINK distribution fiber optic cables are designed for indoor communication. These cables are designed to save conduit space and ideal for moderate distance trunking applications. Small size and high strength are features of these cable.
- Application support IEEE802.3 (LAN, Ethernet Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other

INDOOR DISTRIBUTION
UFCXZXX

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-409-CORE
- ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC60332-1
- IEC 60793, IEC60794-1-2, EIA/TIA-455
- UL Listed E337497
- RoHS Compliant

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
- 900 µm tight buffer easy to strip and terminated for direct connectorization with all common connector types
- Aramid yarns provide for strength member
- FR-PVC jacketed cables meet the requirements of National Electrical Code (NEC article 770) and is OFNR listed (Optional for LSZH Jacket).

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX2XX	
Max. Tensile Load, Installation / Operation	1,800 / 600	N
Cable Diameter, approx.	4.8 - 6.8	mm
Cable Weight, approx.	25 - 45	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	Cable Diameter
Installation / Operation Temperature	-20°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

Part Number

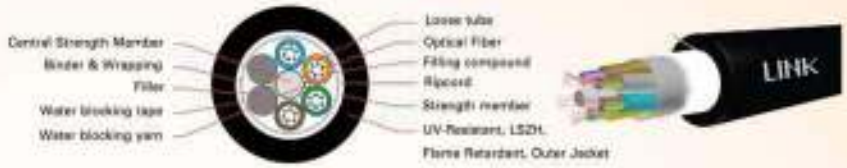
Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 µm, OS2	UFC9204	UFC9206	UFC9208	UFC9212
Multimode, 62.5/125 µm, OM1	UFC6204	UFC6206	UFC6208	UFC6212
Multimode, 50/125 µm, OM2	UFC5204	UFC5206	UFC5208	UFC5212
XG Multimode, 50/125 µm, OM3	UFC5204XG	UFC5206XG	UFC5208XG	UFC5212XG
Multimode, 50/125 µm, OM4	UFC52040M4	UFC52060M4	UFC52080M4	UFC52120M4

OUTDOOR/INDOOR, ALL-DIELECTRIC, LSZH-FR

Description/Application

- LINK Outdoor/Indoor, fiber optic cable special design used for campus backbone (inter-building),building backbone (intra-building), together with outdoor and indoor installation
- Small diameter and lightweight design to save space inside duct
- Designed for duct and lash-aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other

OUTDOOR/INDOOR, Single Tube
UFCX3XX



OUTDOOR/INDOOR, Multi-Tube
UFCX3XXM

Standards

-ISO/IEC 11801 : 2002
-ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
-Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
-ANSI/ICEA 696, ANSI/ICEA 596
-ITU-T G.651 (Multimode)
-ITU-T G.652D (Singlemode)
-IEC 60332-3, IEC60332-1
-IEC 61034-2, IEC60754-2
-IEC 60793, IEC60794-1-2, EIA-455
-EN 50173-1, TIS 2165-2548
-RoHS Compliant

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
- E-glass yarns provide for strength member
  UFCX3XXM : FRP Central Strength Member provide for tensile strength
- Water blocking tape provide for double protection and safety for outdoor environment
- Ripcord is easy to strip
- UV-resistant, Flame-retardant black PE with LSZH (Low Smocked Zero Halogen) outer jacket
- Multi-Tube structure contain 24 - 144 Core

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX3XX 4 - 12 Core	UFCX3XXM 24 - 48 Core	
Max. Tensile Load, Installation / Operation	2,700 / 600	2,700 / 1,000	N
Max. Crush Resistance	2,200	2,200	N / 10 cm
Cable Diameter, approx.	9.4 ± 0.5	10.6 - 11.6	mm
Cable Weight, approx.	92 ± 10	112 - 130	kg / km
Min. Bending Radius, Installation / Operation	15x / 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	8 Core	12 Core	24 Core
Singlemode, 9/125 µm, OS2	UFC9304	UFC9306	UFC9308	UFC9312	UFC9324M
Multimode, 62.5/125 µm, OM1	UFC6304	UFC6306	UFC6308	UFC6312	UFC6324M
Multimode, 50/125 µm, OM2	UFC5304	UFC5306	UFC5308	UFC5312	UFC5324M
XG Multimode, 50/125 µm, OM3	UFC5304XG	UFC5306XG	UFC5308XG	UFC5312XG	UFC5324XGM
Multimode, 50/125 µm, OM4	UFC5304OM4	UFC5306OM4	UFC5308OM4	UFC5312OM4	UFC5324OM4M

OUTDOOR/INDOOR, DROP WIRE, LSZH-FR

Description/Application

- LINK Outdoor/Indoor, Dropwire fiber optic cable special design used for campus backbone (inter-building), building backbone (intra-building), together with outdoor and indoor installation
- Small diameter and lightweight
- Designed for aerial installation with messenger drop wire
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel CATV, CCTV, FTTX or other

OUTDOOR/INDOOR, DROP WIRE
UFCXSXXOI

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC60332-1
- IEC 61034-2, IEC60754-2
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1
- RoHS Compliant

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
- E-glass yarns provide for strength member
- Water blocking tape provide for double protection and safety for outdoor environment
- Ripcord is easy to strip
- UV-resistant, Flame-retardant black PE with LSZH (Low Smocked Zero Halogen) outer jacket
- Messenger wire provide by 1.6 mm. galvanize steel wire

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCXSXXOI	
Max. Tensile Load, Installation / Operation	1,350 / 600	N
Max. Span Length	50	m
Max. Crush Resistance	2,200	N / 10 cm
Cable Diameter, approx.	9.4 ± 0.5	mm
Overall Diameter, approx.	15 ± 1.0	mm
Cable Weight, approx.	120 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	Cable Diameter
Installation / Operation Temperature	-40°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

Part Number

Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 µm, OS2	UFC9504OI	UFC9506OI	UFC9508OI	UFC9512OI
Multimode, 62.5/125 µm, OM1	UFC6504OI	UFC6506OI	UFC6508OI	UFC6512OI
Multimode, 50/125 µm, OM2	UFC5504OI	UFC5506OI	UFC5508OI	UFC5512OI
XG Multimode, 50/125 µm, OM3	UFC5504XGOI	UFC5506XGOI	UFC5508XGOI	UFC5512XGOI
Multimode, 50/125 µm, OM4	UFC5504OM4OI	UFC5506OM4OI	UFC5508OM4OI	UFC5512OM4OI

OUTDOOR, ARMORED, HDPE

Description/Application

- LINK Outdoor/Armored, fiber optic cable special design used for campus backbone (inter-building) building backbone (intra-building), indoor and outdoor installation
- Small diameter and lightweight design to save space inside duct
- Designed for direct burial, duct and lash-aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTX or other

OUTDOOR, Armored, Single Tube
UFCX6XX

OUTDOOR, Armored, Multi-Tube
UFCX6XXM

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1, TIS 2165-2548
- RoHS Compliant

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
  - **UFCX6XX** : E-glass yarns provide for strength member
  - **UFCX6XXM** : High Strength Steel Wire Central Strength Member provide for tensile strength (FRP available on Request)
- Water blocking tape provide for double protection and safety for outdoor environment
- Ripcord is easy to strip
- Corrugated steel tape coat with polymer provides rodent protection
- UV-resistant, black HDPE outer jacket
- Multi-tube structure contain 24-144 core

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX6XX 4 - 12 Core	UFCX6XXM 24 - 48 Core	
Max. Tensile Load, Installation / Operation	2,700 / 1,000	2,700 / 1,500	N
Max. Crush Resistance	4,400	4,400	N / 10 cm
Cable Diameter, approx.	10.0 ± 0.5	10.5 - 11.5	mm
Cable Weight, approx.	90 ± 10	110 - 130	kg / km
Min. Bending Radius, Installation / Operation	15x / 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	

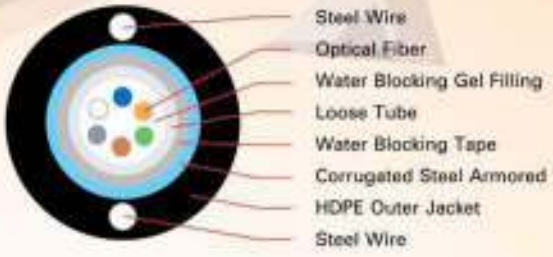
Part Number

Description	4 Core	6 Core	8 Core	12 Core	24 Core
Singlemode, 9/125 µm, OS2	UFC9604	UFC9606	UFC9608	UFC9612	UFC9624M
Multimode, 62.5/125 µm, OM1	UFC6604	UFC6606	UFC6608	UFC6612	UFC6624M
Multimode, 50/125 µm, OM2	UFC5604	UFC5606	UFC5608	UFC5612	UFC5624M
XG Multimode, 50/125 µm, OM3	UFC5604XG	UFC5606XG	UFC5608XG	UFC5612XG	UFC5624XGM
Multimode, 50/125 µm, OM4	UFC5604OM4	UFC5606OM4	UFC5608OM4	UFC5612OM4	UFC5624OM4M

OUTDOOR, 2 STEEL WIRE, ARMORED

Description/Application

- LINK Outdoor, 2 Steel Wire, Armored, fiber optic cable special design used for campus backbone (inter-building) building backbone (intra-building), indoor and outdoor installation
- Small diameter and lightweight design to save space inside duct
- Designed for direct burial, duct and lash-aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other



OUTDOOR, 2-Steel Wire, Armored
UFCX9XXA

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1
- RoHS Compliant

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
- 2 Steel wire provide by 1.2 mm. galvanize steel wire for tensile strength
- UV-resistant, black HDPE outer jacket

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX9XXA	
Max. Tensile Load, Installation / Operation	3,000 / 1,500	N
Max. Crush Resistance	4,400	N / 10 cm
Cable Diameter, approx.	10.0 ± 0.5	mm
Cable Weight, approx.	105 ± 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

Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 µm, OS2	UFC9904A	UFC9906A	UFC9908A	UFC9912A
Multimode, 62.5/125 µm, OM1	UFC6904A	UFC6906A	UFC6908A	UFC6912A
Multimode, 50/125 µm, OM2	UFC5904A	UFC5906A	UFC5908A	UFC5912A
XG Multimode, 50/125 µm, OM3	UFC5904XGA	UFC5906XGA	UFC5908XGA	UFC5912XGA
Multimode, 50/125 µm, OM4	UFC5904OM4A	UFC5906OM4A	UFC5908OM4A	UFC5912OM4A

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

Outdoor, Stranded Drop Wire, Armored
UFCX5XXDSA

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1
- RoHS Compliant

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 Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	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

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	UFC5504XGDSA	UFC5506XGDSA	UFC5508XGDSA	UFC5512XGDSA
Multimode, 50/125 µm, OM4	UFC5504OM4DSA	UFC5506OM4DSA	UFC5508OM4DSA	UFC5512OM4DSA

OUTDOOR, CTV FIG.8
OUTDOOR, CTV FIG.8 / ARMORED

Description/Application

- LINK Outdoor, CTV FIG.8, 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

Outdoor, CTV Fig.8
UFCX8XX

Outdoor, CTV Fig.8, Armored
UFCX8XXA

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1, TIS 2166-2548
- RoHS Compliant

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
- E-glass yarns or aramid yarns provide for strength member (for UFCX8XX)
- Water blocking tape provide for double protection and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection (for UFCX8XXA)
- Messenger wire provide by 7 x 1.0 mm. stranded galvanize steel wire for tensile strength
- UV-resistant, black HDPE outer jacket

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX8XX	UFCX8XXA	
Max. Tensile Load, Installation / Operation	6,000 / 3,000	6,000 / 3,000	N
Max. Span Length	60	60	m
Max. Crush Resistance	2,200	4,400	N / 10 cm
Cable Diameter, approx.	8.4 ± 0.2	8.6 ± 0.2	mm
Overall Diameter, approx.	15 ± 0.5	16 ± 0.5	mm
Cable Weight, approx.	110 ± 10	122 ± 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

Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 µm, OS2	UFC9804	UFC9806	UFC9808	UFC9812
Multimode, 62.5/125 µm, OM1	UFC6804	UFC6806	UFC6808	UFC6812
Multimode, 50/125 µm, OM2	UFC5804	UFC5806	UFC5808	UFC5812
XG Multimode, 50/125 µm, OM3	UFC5804XG	UFC5806XG	UFC5808XG	UFC5812XG
Multimode, 50/125 µm, OM4	UFC5804OM4	UFC5806OM4	UFC5808OM4	UFC5812OM4

Remark : for Armored Cable, add A on Part Number eg. UFCX8XXA

FIG.8, OUTDOOR / MULTI-TUBE
FIG.8, OUTDOOR / MULTI-TUBE / ARMORED

Description/Application

- LINK Fig.8, 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 aerial installation with stranded suspension wire
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other

Fig.8, Multi-Tube
UFCX8XXM

Fig.8, Multi-Tube, Armored
UFCX8XXMA

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1, TIS 2166-2548
- RoHS Compliant

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
  - **UFCX8XXM** : FRP central strength member provide for tensile strength
  - **UFCX8XXMA** : High strength steel wire central strength member provide for tensile strength (FRP available on Request)
- Water blocking yarns & tape provide for double protection and safety for outdoor environment
- Corrugated steel tape coat with polymer provides rodent protection (for UFCX8XXMA)
- Ripcord is easy to strip
- Suspension wire provide by 7 x 1.2 mm. stranded galvanize steel wire for tensile strength
- UV-resistant, black HDPE outer jacket, Up to 144 core

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX8XXM 24 - 72 Core	UFCX8XXMA 24 - 72 Core	
Max. Tensile Load, Installation / Operation	7,000 / 4,000	7,000 / 4,000	N
Max. Span Length	80	80	m
Max. Crush Resistance	2,200	4,400	N / 10 cm
Cable Diameter, approx.	9.8 - 10.8	10.5 - 12.0	mm
Overall Diameter, approx.	18.7 - 19.7	19.3 - 20.8	mm
Cable Weight, approx.	165 - 185	212 - 261	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	

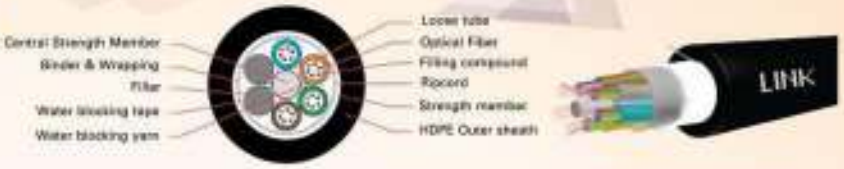
Part Number

Description	24 Core	48 Core	60 Core	72 Core
Singlemode, 9/125 µm, OS2	UFC9824M	UFC9848M	UFC9860M	UFC9872M
Armored / Singlemode, 9/125 µm, OS2	UFC9824MA	UFC9848MA	UFC9860MA	UFC9872MA
Multimode, 50/125 µm, OM2	UFC5824M	UFC5848M	UFC5860M	UFC5872M
Armored / Multimode, 50/125 µm, OM2	UFC5824MA	UFC5848MA	UFC5860MA	UFC5872MA

ADSS, OUTDOOR / MULTI-TUBE, SINGLE JACKET
ADSS, OUTDOOR / MULTI-TUBE, DOUBLE 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 Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other



ADSS Single Jacket
UFCX7XXM

ADSS Double Jacket
UFCX7XXMD

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-20-CORE
- ANSI/ICEA 640
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60793, IEC60794-1-2, EIA-455
- EN 50173-1, IEEE P-1222
- RoHS Compliant

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
- FRP central strength member provide for tensile strength
- Water blocking yarns & tape provide for double protection and safety for outdoor environment
- Aramid yarns provide strength member
- Ripcord is easy to strip
- Inner jacket black MDPE (for UFCX7XXMD)
- Outer jacket UV-resistant, black HDPE
- Up to 144 core

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFCX7XXM 24 - 72 Core	UFCX7XXMD 24 - 72 Core	
Max. Tensile Load, Installation / Operation	7,000 / 3,600	7,000 / 3,600	N
Max. Span Length	80	80	m
Max. Crush Resistance	2,200	2,200	N / 10 cm
Cable Diameter, approx.	10.5 - 11.5	12.0 - 13.0	mm
Cable Weight, approx.	110 - 200	120 - 220	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

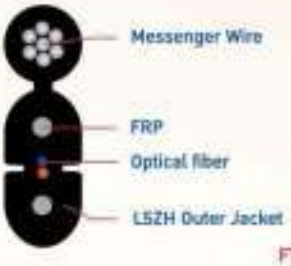
Description	24 Core	48 Core	60 Core	72 Core
Singlemode, 9/125 µm, OS2	UFC9724M	UFC9748M	UFC9760M	UFC9772M
Double Jacket / Singlemode, 9/125 µm, OS2	UFC9724MD	UFC9748MD	UFC9760MD	UFC9772MD
Multimode, 50/125 µm, OM2	UFC5724M	UFC5748M	UFC5760M	UFC5772M
Double Jacket / Multimode, 50/125 µm, OM2	UFC5724MD	UFC5748MD	UFC5760MD	UFC5772MD

FTTH, OUT/IN FLAT CABLE
FTTH, OUT/IN STRANDED DROP WIRE FLAT CABLE

Description/Application

- LINK FTTH fiber optic cable is designed for use FTTH systems
- Small diameter, light, can be used in many situations
- Simple structure, anti press, anti pull anti aging.
- Small bending fatigue lifetime is several hundred times longer than all standard single mode fiber
- The cable complete with black LSZH outer jacket.
- Designed for duct and aerial installation
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G Ethernet) ATM, FDDI Fiber Channel, CATV, CCTV, FTTX or other

FTTH, Outdoor/Indoor Flat Cable
UFC930X



FTTH, Outdoor/Indoor Stranded Drop Wire Flat Cable
UFC950X

Standards

- ITU-T G.657A2
- IEC 60332-3, IEC60332-1
- IEC 61034-2, IEC60754-2
- IEC 60793, IEC60794-1-2, EIA-455
- RoHS Compliant

Features/Construction

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical.
- Two FRP strength member protects the fibers with tensile strength, and the strength member can be made as stranded steel wires.
- Can be with stranded messenger wire 7 x 0.4 mm. (1.2 mm.) having higher tensile strength.
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with LSZH and Flame retardant jacket

Optical Preformances

Optical Transmission Performance	Singlemode 1310/1383/1550/1625 nm
	9/125 µm (G.657A2)
Max. Attenuation (dB/km)	0.36 / 0.36 / 0.25 / 0.35
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24
Mode Field diameter	9.2 ± 0.4 µm
Cladding diameter	125 ± 1 µm
Numerical Aparture	0.13 ± 0.01

Mechanical Properties

	UFH930X	UFH950X	
Max. Tensile Load, Installation / Operation	300 / 150	600 / 300	N
Max. Crush Resistance	1,200	1,200	N / 10 cm
Cable Diameter, approx.	2.0 x 3.0	2.0 x 5.2	mm
Cable Weight, approx.	8	18	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	15x / 10x	Cable Diameter
Installation / Operation Temperature	-20°C to +70°C	-20°C to +70°C	
Storage / Shipping Temperature	-30°C to +75°C	-30°C to +75°C	

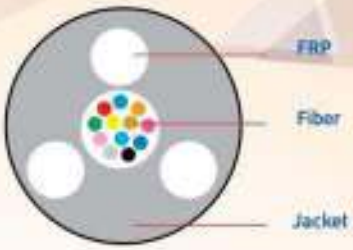
Part Number

Description	1 Core	2 Core	4 Core
FTTH, Out/In Flat Cable, Flame Retardant LSZH, G.657A2	UFH9301	UFH9302	UFH9304
FTTH, Out/In Stranded Drop Wire Flat Cable, Flame Retardant LSZH, G.657A2	UFH9501	UFH9502	UFH9504

ANTI-BENDING INDOOR

Description/Application

- LINK Anti-Bending indoor fiber optic cable FRP-buried sheath incorporates 2-12 colored fibers can be integrated vertical and horizontal installation up for FTTH network.
- The core is all dry without messy gel and 2C type (alternative one fiber) can be terminated with tool-less connector for cost saving.
- Application support IEEE802.3 (LAN, Ethernet Fast Ethernet, Gigabit Ethernet and 10G Ethernet) ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other



ANTI-BENDING INDOOR
UFFX1XX

Standards

- ISO/IEC 11801 : 2002
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia(Bellcore)GR-409-CORE
- ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- IEC 60332-3, IEC60332-1
- IEC 60793, IEC60794-1-2, EIA/TIA-455
- UL Listed E337497
- RoHS Compliant

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.
- All dielectric structure free from EMI
- Small diameter, light weight and smaller then conventional cable bend radius provide easy deployment in limited conduit space up to FTTH network.
- Sheath contains 3-FRP to provide high tensile strength and crush resistant.
- Suitable for versatile utilization (vertical, horizontal installations).
- 2C type (alternative one fiber) can be terminated with tool-less connector for cost saving.
- Outer jacket OFNR (FRPVC or LSZH) are suitable for assigned.

Optical Preformances

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)	0.36 / 0.36 / 0.25 / 0.35	3.0 / 0.8	2.7 / 0.8	2.7 / 0.8	2.7 / 0.8
Typ. Attenuation (dB/km)	0.34 / 0.32 / 0.21 / 0.24	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 Aparture	0.13 ± 0.01	0.275 ± 0.015	0.200 ± 0.015	0.200 ± 0.015	0.200 ± 0.015

Mechanical Properties

	UFFX1XX	
Max. Tensile Load, Installation / Operation	300 / 200	N
Max. Crush Resistance	1,200	N / 10 cm
Cable Diameter, approx.	3.0 ± 0.3	mm
Cable Weight, approx.	20 ± 2	kg / km
Min. Bending Radius, Installation / Operation	5x / 10x	Cable Diameter
Installation / Operation Temperature	-20°C to +70°C	
Storage / Shipping Temperature	-40°C to +75°C	

Part Number

Description	4 Core	6 Core	8 Core	12 Core
Singlemode, 9/125 µm, OS2	UFF9104	UFF9106	UFF9108	UFF9112
Multimode, 62.5/125 µm, OM1	UFF6104	UFF6106	UFF6108	UFF6112
Multimode, 50/125 µm, OM2	UFF5104	UFF5106	UFF5108	UFF5112
XG Multimode, 50/125 µm, OM3	UFF5104XG	UFF5106XG	UFF5108XG	UFF5112XG
Multimode, 50/125 µm, OM4	UFF5104OM4	UFF5106OM4	UFF5108OM4	UFF5112OM4

FIBER OPTIC RACK MOUNT DRAWER TYPE

Description/Application

- LINK Fiber Optic Distribution Unit (FDU) rack mount drawer type design with innovation technology very easily install and very flexible to use by drawer like slide shelf, rear of drawer has the area for movement the fiber cable which protect the fiber optic cable outside tray.
- Supply with cable gland, screw, cage nut and label.
- Complies with standard ANSI/TIA-568-C.3 ISO/IEC 11801:2002 and RoHS Compliant

Features / Material

- Designed for all fiber optic wiring.
- Suitable for installation in 19" rack at 1U height.(23" rack Optional)
- Structures made from Electro galvanize sheet steel, very durability and lightweight.
- Drawer is bearing can be slide-out easy to install and maintain.
- Provide Light Polycarbonate Cover with label.
- Backside has space for store cable, and when the tray is slide-out, cable cannot be moved. (Copyright of LINK)
- Uses with all type of LINK fiber optic adapter snap plate e.g. ST, SC, FC, LC and E2000.
- Provide 2 set of Full Moon Cable Routing (internal management ring) to control internal wiring for direct connecting and changing to Splice Tray (SV-2256) for fusion splicing.
- UF-2012A support 6-24 fiber ports, UF-2013A support 6-36 fiber ports.
- Accessories provided in bagged.
  - 2 cable glands for UF-2012A and 4 cable glands for UF-2013A
  - 4 sets of screw with M6 cage nut and PVC cup washer
  - 4 cable ties
  - 1 label

Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2012A	2 SNAP- IN, F.O RACK MOUNT, DRAWER TYPE	2	Light Grey	48.2 x 33.2 x 4.45

Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2013A	3 SNAP- IN, F.O RACK MOUNT, DRAWER TYPE	3	Black	48.2 x 40.2 x 4.45

FIBER OPTIC RACK MOUNT FIXED TYPE

Description/Application

LINK Fiber Optic Distribution Unit (FDU) rack mount fixed type design with innovation technology very easily install and very flexible to use by removable back cover and removable front door with label. Supply with screw, cage nut and label. Complies with standard ANSI/TIA-568-C.3 ISO/IEC 11801:2002 and RoHS Compliant.

RACK MOUNT FIXED

Features / Material

- Designed for all fiber optic wiring.
- Suitable for installation in 19" rack at 2U for UF-2014A and 3U for UF-2016A height.(23" rack Optional)
- Structures made from high grade Aluminum, lightweight and very durability.
- Provide removable back door easy to install and maintain.
- Provide removable front door clear polycarbonate with label easy to identify port and connector.
- Uses with all type of LINK fiber optic adapter snap plate e.g. ST, SC FC, LC and E2000.
- Provide Full Moon Cable Routing (internal management ring) to control internal wiring for direct connecting and changing to Splice Tray (SV-2256) for fusion splicing.)
- UF-2014A support 6-48 fiber ports, UF-2016A support 6-96 fiber ports.
- Accessories provided in bagged.
  - 4 sets of screw with M6 cage nut and PVC cup washer
  - 4 cable ties
  - 2 label

Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2014A	4 SNAP- IN, F.O RACK MOUNT, FIXED TYPE	4	Light Grey	48.2 x 33.6 x 8.9
UF-2016A	8 SNAP- IN, F.O RACK MOUNT, FIXED TYPE	8	Light Grey	48.2 x 33.6 x 13.2

FIBER OPTIC WALL MOUNT TYPE

Description/Application

LINK Fiber Optic Distribution Unit (FDU) wall mount type design with innovation technology very easily install and very flexible to use by wall mount type with security lock. Supply with cable gland, key, screw, nylon anchor and label. Complies with standard ANSI/TIA-568-C.3 ISO/IEC 11801:2002 and RoHS Compliant

WALL MOUNT ENCLOSURE

Features / Material

- Designed for all fiber optic wiring.
- Suitable for installation on wall.
- Structures made from Electro galvanize sheet steel, very durability.
- Top and Bottom cable entry integral grommets for preventing dust from entering the system.
- Uses with all type of LINK fiber optic adapter snap plate e.g. ST, SC FC, LC and E2000.
- Provide Full Moon Cable Routing (internal management ring) to control internal wiring for direct connecting and changing to Splice Tray (SV-2256) for fusion splicing.
- Dual doors with separate locking options for quick to install or manage and security.
- Lockable front door provides added security and prevent unwanted access.
- UF-2022A support 6-24 fiber ports, UF-2024A support 6-48 fiber ports.
- Accessories provided in bagged.
  - 2 cable glands, - 2 key, - 4 sets of screw and nylon anchor
  - 4 cable ties for UF-2022A, 8 cable ties for 2024A and 1 label

Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2022A	2 SNAP- IN, F.O WALL MOUNT TYPE	2	Light Grey	33.0 x 9.2 x 21.4
UF-2024A	4 SNAP- IN, F.O WALL MOUNT TYPE	4	Light Grey	33.1 x 9.2 x 31.6

MPO RACK MOUNT SLIDE TYPE

Description/Application

LINK MPO rack mount slide are a high density fiber optic system designed exclusively for data centers, storage area networks, and local area networks. LINK MPO rack mount allow up to 72 fibers to be terminated in only 1U rack space. Complies with standard ANSI/TIA-568-C.3 ISO/IEC 11801:2002 and RoHS Compliant

12 Fibers

24 Fibers

MPO CASSETTES

MPO RACK MOUNT

Features / Material

- Designed for Data Center, storage area networks, and local area networks fiber optic wiring.
- Suitable for installation in 19" rack at 1U height.(23" rack Optional)
- Structures made from Electro galvanize sheet steel, very durability.
- Can be slide-out easy to install and maintain.
- Uses with all type of LINK MPO cassettes 12 and 24 fiber ports.
- Provide internal management ring to control internal wiring.
- UF-2017A supports 12-72 fiber ports.
- Accessories provided in bagged.
  - 4 management ring

Part Number	Description	No. of Cassettes	Color	Dimension W X D X H (Cm)
UF-2017A	3 MPO, SNAP- IN, RACK MOUNT, SLIDE TYPE	3	Black	48.0 x 25.0 x 4.45
UF-2232XG	12 LC, MPO CASSETTES SNAP- IN PLATE, MM, XG (OM3)	-	-	-
UF-2232SM	12 LC, MPO CASSETTES SNAP- IN PLATE, SM, OS2	-	-	-
UF-2234XG	24 LC, MPO CASSETTES SNAP- IN PLATE, MM, XG (OM3)	-	-	-
UF-2234SM	24 LC, MPO CASSETTES SNAP- IN PLATE, SM, OS2	-	-	-

FIBER OPTIC RACK MOUNT SLIDE TYPE

Description/Application

LINK Fiber Optic Distribution Unit (FDU) slide type design with innovation technology very easily install and very flexible to use by slide-out. The panel made from Electro galvanize sheet steel provides excellent protection for the inside fibers. A large variety of connector adapters are offered to meet your specific requirements. Complies with standard ANSI/TIA-568-C.3, ISO/IEC 11801:2002 and RoHS Compliant

RACK MOUNT SLIDE

Features / Material

- Designed for all fiber optic wiring.
- Suitable for installation in 19" rack at 1U height.(23" rack Optional)
- Structures made from Electro galvanize sheet steel, very durability.
- Can be slide-out easy to install and maintain.
- Uses with all type of LINK fiber optic adapter snap plate e.g. ST, SC FC, LC and E2000.
- Provide Full Moon Cable Routing (internal management ring) to control internal wiring for direct connecting and changing to Splice Tray (SV-2256) for fusion splicing.
- UF-2010A supports 6-24 fiber ports, UF-2011A supports 6-36 fiber ports
- Accessories provided in bagged.
  - 4 sets of screw with M6 cage nut and PVC cup washer
  - 4 cable ties

Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2010A	2 SNAP- IN, F.O RACK MOUNT, SLIDE TYPE	2	Black	48.0 x 25.0 x 4.45
UF-2011A	3 SNAP- IN, F.O RACK MOUNT, SLIDE TYPE	3	Black	48.0 x 25.0 x 4.45

FIBER OPTIC ADAPTER SNAP PLATE

Description/Application

LINK adapter snap plates designed for convenient use with LINK Fiber Optic Distribution Unit (FDU), rack mount drawer and wall mount enclosures. LINK adapter snap plate wide variety of singlemode and multimode. Meets standard ANSI/TIA-568-C.3 and ISO/IEC 11801:2002. RoHS Compliant

Performance

	MULTIMODE	SINGLEMODE
Insertion Loss Typ.	≤ 0.20 dB	≤ 0.20 dB
Max.	≤ 0.30 dB	≤ 0.30 dB
Durability	500 cycles	500 cycles
Alignment Sleeve	Phosphor Bronze	Zirconia, ceramic
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C

Features / Material

- Work with all LINK FDU, Rack Mount, Wall Mount
- Snap plate made of Aluminum Black Anodized, lightweight and very durability
- Provides 6 and 12 fiber ports for ST, SC, FC, LC, MT-RJ, E2000 and blank adapters.
- Low insertion loss and high return loss
- Good in repeatability and reconnect ability
- Loaded with adapter and included dust cap
- Adapter type female to female.
- Provide nylon rivet (snap on) access easy to install and update.

6 FIBER ADAPTER SNAP PLATE

ST SC FC LC Blank

Part Number	Description	Type	Housing	Housing Color	Dust cap
UF-2144	6 ST ADAPTER SNAP PLATE	MM	Nickel Plated Brass	Metalic	PVC
UF-2144SM	6 ST ADAPTER SNAP PLATE	SM	Nickel Plated Brass	Metalic	PVC
UF-2166	3 SC DUPLEX ADAPTER SNAP PLATE	MM	PBT,UL94V-0	Ivory	PP
UF-2166SM	3 SC DUPLEX ADAPTER SNAP PLATE	SM	PBT,UL94V-0	Blue	PP
UF-2188	6 FC ADAPTER SNAP PLATE	MM	Nickel Plated Brass	Metalic	PVC
UF-2188SM	6 FC ADAPTER SNAP PLATE	SM	Nickel Plated Brass	Metalic	PVC
UF-2122	3 LC DUPLEX ADAPTER SNAP PLATE	MM	PC,UL94V-0	Ivory	PVC
UF-2122SM	3 LC DUPLEX ADAPTER SNAP PLATE	SM	PC,UL94V-0	Blue	PVC
UF-2200	BLANK ADAPTER SNAP PLATE	-	-	Black	-

12 FIBER ADAPTER SNAP PLATE

ST SC FC LC

Part Number	Description	Type	Housing	Housing Color	Dust cap
UF-2244	12 ST ADAPTER SNAP PLATE	MM	Nickel Plated Brass	Metalic	PVC
UF-2244SM	12 ST ADAPTER SNAP PLATE	SM	Nickel Plated Brass	Metalic	PVC
UF-2266	6 SC DUPLEX ADAPTER SNAP PLATE	MM	PBT,UL94V-0	Ivory	PP
UF-2266SM	6 SC DUPLEX ADAPTER SNAP PLATE	SM	PBT,UL94V-0	Blue	PP
UF-2288	12 FC ADAPTER SNAP PLATE MM	MM	Nickel Plated Brass	Metalic	PVC
UF-2288SM	12 FC ADAPTER SNAP PLATE SM	SM	Nickel Plated Brass	Metalic	PVC
UF-2222	6 LC DUPLEX ADAPTER SNAP PLATE	MM	PC,UL94V-0	Ivory	PVC
UF-2222SM	6 LC DUPLEX ADAPTER SNAP PLATE	SM	PC,UL94V-0	Blue	PVC

FIBER OPTIC ADAPTER

Description/Application

LINK fiber optic adapters are available in ST, SC, FC and LC adaptors have high precision alignment sleeves for reliability and better reconnectability. LINK adaptors come with a ceramic sleeve for the singlemode and phosphor bronze sleeve for the multimode. Meets standard ANSI/TIA-568-C.3 and ISO/IEC 11801:2002. RoHS Compliant

Performance

	MULTIMODE	SINGLEMODE
Insertion Loss Typ.	≤ 0.20 dB	≤ 0.20 dB
Max.	≤ 0.30 dB	≤ 0.30 dB
Durability	500 cycles	500 cycles
Alignment Sleeve	Phosphor Bronze	Zirconia, ceramic
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C

Features / Material

- Used to mate two connectors together and usually mounted in a FDU panel or adapter plate
- Low insertion loss and high return loss
- Good in repeatability and reconnect ability
- Loaded with adapter and included dust cap
- Adapter type female to female.

ST Simplex Adapter

FC Simplex Adapter

SC Simplex Adapter

SC Duplex Adapter

LC Duplex Adapter

LC Quad Adapter

Part Number	Description	Type	Housing	Housing Color	Dust cap
UF-0044	ST ADAPTER	MM	Nickel Plated Brass	Metallic	PVC
UF-0044SM	ST ADAPTER	SM	Nickel Plated Brass	Metallic	PVC
UF-0044Q	ST ADAPTER, SQUARE TYPE	MM	PC,UL94V-0	Ivory	PVC
UF-0044SQ	ST ADAPTER, SQUARE TYPE	SM	PC,UL94V-0	Blue	PVC
UF-0055	SC SIMPLEX ADAPTER	MM	PBT,UL94V-0	Ivory	PP
UF-0055SM	SC SIMPLEX ADAPTER	SM	PBT,UL94V-0	Blue	PP
UF-0066	SC DUPLEX ADAPTER	MM	PBT,UL94V-0	Ivory	PP
UF-0066SM	SC DUPLEX ADAPTER	SM	PBT,UL94V-0	Blue	PP
UF-0066SM/APC	SC DUPLEX ADAPTER, APC	SM	PBT,UL94V-0	Green	PP
UF-0088	FC ADAPTER	MM	Nickel Plated Brass	Metallic	PVC
UF-0088SM	FC ADAPTER	SM	Nickel Plated Brass	Metallic	PVC
UF-0088SM/APC	FC ADAPTER, APC	SM	Nickel Plated Brass	Metallic	PVC
UF-0088Q	FC ADAPTER, SQUARE TYPE	MM	Nickel Plated Brass	Metallic	PVC
UF-0088SQ	FC ADAPTER, SQUARE TYPE	SM	Nickel Plated Brass	Metallic	PVC
UF-0022	LC SIMPLEX ADAPTER	MM	PC,UL94V-0	Ivory	PVC
UF-0022SM	LC SIMPLEX ADAPTER	SM	PC,UL94V-0	Blue	PVC
UF-0022XG	LC SIMPLEX ADAPTER, XG	MM	PC,UL94V-0	Aqua	PVC
UF-0022D	LC DUPLEX ADAPTER	MM	PC,UL94V-0	Ivory	PVC
UF-0022DSM	LC DUPLEX ADAPTER	SM	PC,UL94V-0	Blue	PVC
UF-0022DXG	LC DUPLEX ADAPTER, XG	MM	PC,UL94V-0	Aqua	PVC
UF-0033	MPO ADAPTER	SM/MM	PC,UL94V-0	Black	PVC

FIBER OPTIC CONNECTOR

Description/Application

LINK fiber optic connector designed for field termination with epoxy. Link fiber optic ST, SC, FC and LC connector are available in singlemode and multimode (OM1, OM2, OM3) and simplex and duplex. Meets standard ANSI/TIA-568-C.3 and ISO/IEC 11801 : 2002 Complies with IEC 61754, TIA/EIA 604 and EIA 455. RoHS Compliant

Features / Material

- High precision zirconia ceramic, pre-radiused ferrules insure fiber alignment and repeatable performance
- Rugged metal connector bodies provide sturdy cable terminations
- The connectors are low insertion loss and high return loss
- Good in repeatability and exchangeability
- Field proven crimp technology improves connector/cable tensile performance
- Provide standard boot 900μm, 3.0mm or 2.0mm cable diameter are available

Performance

	MULTIMODE	SINGLEMODE
Insertion Loss Typ.	≤ 0.15 dB	≤ 0.15 dB
Max.	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 20 dB	≥ 55 dB
Ferrule	zirconia ceramic, pre-radiused	zirconia ceramic, pre-radiused
Boot	Thermoplastic, UL 94V-0	Thermoplastic, UL 94V-0
Durability	500 cycles	500 cycles
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C

ST Connector

SC Simplex Connector

SC Duplex Connector

LC Duplex Connector

LC Simplex Connector

FC Connector

MPO Connector

Part Number	Description	Type	Housing	Housing Color	Boot Color
UF-0004	ST CONNECTOR	MM	Nickel Plated Brass	Metallic	Black
UF-0004SM	ST CONNECTOR	SM	Nickel Plated Brass	Metallic	Yellow
UF-0005	SC SIMPLEX CONNECTOR	MM	PBT,UL94V-0	Ivory	Black
UF-0005SM	SC SIMPLEX CONNECTOR	SM	PBT,UL94V-0	Blue	Yellow
UF-0005SM/APC	SC SIMPLEX CONNECTOR, APC	SM	PBT,UL94V-0	Green	Green
UF-0006	SC DUPLEX CONNECTOR	MM	PBT,UL94V-0	Ivory	Black
UF-0006SM	SC DUPLEX CONNECTOR	SM	PBT,UL94V-0	Blue	Yellow
UF-0006SM/APC	SC DUPLEX CONNECTOR, APC	SM	PBT,UL94V-0	Green	Green
UF-0008	FC CONNECTOR	MM	Nickel Plated Brass	Metallic	Black
UF-0008SM	FC CONNECTOR	SM	Nickel Plated Brass	Metallic	Yellow
UF-0008SM/APC	FC CONNECTOR, APC	SM	Nickel Plated Brass	Metallic	Green
UF-0002	LC SIMPLEX CONNECTOR	MM	PBT,UL94V-0	Ivory	White
UF-0002SM	LC SIMPLEX CONNECTOR	SM	PBT,UL94V-0	Blue	White
UF-0002SM/APC	LC SIMPLEX CONNECTOR, APC	SM	PBT,UL94V-0	Green	White
UF-0002D	LC DUPLEX CONNECTOR	MM	PBT,UL94V-00	Ivory	White
UF-0002DSM	LC DUPLEX CONNECTOR	SM	PBT,UL94V-0	Blue	White
UF-0002DSM/APC	LC DUPLEX CONNECTOR, APC	SM	PBT,UL94V-0	Green	White
UF-0003	MPO CONNECTOR	MM	PBT,UL94V-00	Black	Black
UF-0003SM	MPO CONNECTOR	SM	PBT,UL94V-0	Blue	Black
UF-0003SM/APC	MPO CONNECTOR, APC	SM	PBT,UL94V-0	Green	Black

FIBER OPTIC PIGTAIL

Description/Application

LINK fiber optic pigtail compliant ISO/IEC 11801:2002, ANSI/TIA-568-C.3, UL/CSA and RoHS. The cables are high grade simplex cable available FR-PVC and FR-LSZH. The pigtails are low insertion loss and high return loss. Good in repeatability and exchangeability. The pigtail shall be factory assembled with high quality control and 100% test. Cables are available on 900 µm (0.9mm) buffered fiber, and 2.0 mm, 3.0 mm cordage connectorized on one end. The cord shall be available length in 1, 2, and 3 meters or other

Performance

	MULTIMODE (OM1, OM2, OM3, OM4)	SINGLEMODE (OS2)
Insertion Loss Typ.	≤ 0.15 dB	≤ 0.15 dB
Max.	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 20 dB	≥ 50 dB
Pulling Force	200 N	200 N
Minimum Bending Radius	30 mm.	30 mm.
Ferrule	zirconia ceramic, pre-radiused	zirconia ceramic, pre-radiused
Durability	500 cycles	500 cycles
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C

UF-5401B/UF-5401J3
ST (MM) Pigtail

UF-6401B/UF-6401J3
ST (SM) Pigtail

UF-5601B/UF-5601J3
SC (MM) Pigtail

UF-6501B/UF-6501J3
SC (SM) Pigtail

UF-5201B/UF-5201J3
LC (MM) Pigtail

UF-6201B/UF-6201J3
LC (SM) Pigtail

UF-6801B/UF-6801J3
FC/PC (SM) Pigtail

UF-6801B/APC, UF-6801J3/APC
FC/APC (SM) Pigtail

UF - □ □ □ □ □ □

FIBER OPTIC
4 = 62.5/125 ,Multimode (OM1)
5 = 50/125 ,Multimode (OM2)
6 = 9/125 ,Singlemode (OS2)
X = 50/125 ,XG Multimode (OM3)

CONNECTOR
2 = LC
3 = MPO
4 = ST
5 = SC Simplex , 6 = SC Duplex
7 = MT-RJ
8 = FC

CONNECTOR
0 = None (Pigtail)

OTHER
XG = XG 50/125 µm Multimode
LSZH = Low smoke Zero Halogen

JACKET
D = Duplex Cable
B = Bare Tight Buffer (0.9 mm)
J2 = Jacket 2.0
J3 = Jacket 3.0

LENGTHS
Length of cable as requested
1,2,3,....,9 = 1,2,3,....,9 Meter

FIBER OPTIC PATCH CORD

Description/Application

LINK fiber optic patch cord compliant ISO/IEC 11801:2002, ANSI/TIA-568-C.3,UL/CSA and RoHS requirements for fiber optic patch cord. The cables are high grade duplex and simplex cable available FR-PVC and FR-LSZH. The patch cords are low insertion loss and high return loss. Good in repeatability and exchangeability and provide label for easily to identify. The patch cord shall be factory assembled with high quality control and 100% test. Cables are available on 2.0 mm and 3.0 mm cordage connectorized on both end. The patch cord shall be available length in 3, 5, and 10 meters or other.

Performance

	MULTIMODE (OM1, OM2, OM3, OM4)	SINGLEMODE (OS2)
Insertion Loss Typ.	≤ 0.20 dB	≤ 0.20 dB
Max.	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 20 dB	≥ 50 dB
Pulling Force	200 N	200 N
Minimum Bending Radius	30 mm.	30 mm.
Ferrule	zirconia ceramic, pre-radiused	zirconia ceramic, pre-radiused
Durability	500 cycles	500 cycles
Operating Temperature	-40°C to 85°C	-40°C to 85°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C

UF - □ □ □ □ □ □

FIBER OPTIC
4 = 62.5/125 ,Multimode (OM1)
5 = 50/125 ,Multimode (OM2)
6 = 9/125 ,Singlemode (OS2)
X = 50/125 ,XG Multimode (OM3)

CONNECTOR
2 = LC
3 = MPO
4 = ST
5 = SC Simplex , 6 = SC Duplex
7 = MT-RJ
8 = FC

CONNECTOR
0 = None (Pigtail)
2 = LC
3 = MPO
4 = ST
5 = SC Simplex , 6 = SC Duplex
7 = MT-RJ
8 = FC

LENGTHS
Length of cable as requested
1,2,3,....,9 = 1,2,3,....,9 Meter

JACKET
D = Duplex Cable
B = Bare Tight Buffer (0.9 mm)
J2 = Jacket 2.0 mm)

OTHER
XG = XG 50/125 µm Multimode
LSZH = Low smoke Zero Halogen

BUFFER TUBE 900 µm

LINK Buffer tube 900 µm can be employed as buffering material and provide additional protection for use with 250 µm fiber

Description/Application

- Protect bare fiber in any situation against mechanical damage during handling and installation.
- Bare fiber can be easily installed more than 5 meters.
- High resistance to creep, impact, and flex fatigue; flexibility at low temperature; and good retension of properties at elevated temperatures.

Part Number	Description	Dimension (µm)	Color
UFC6200	Buffer tube 900 µm	900 µm	Clear

12 FIBER SPLICING TRAY

Description/Application

- For use with all LINK rack mount enclosure and wall mount enclosure.
- Made from aluminum and accommodated 12 fusion splicing per tray.
- Protects and manages fiber splices
- Minimum fiber bending radius is maintained
- Used for multimode and single mode

Part Number	Description	Dimension (mm.)	Color
SV-2256	12 Fiber Splicing Tray	140 x 125 x 10	Light Grey

FUSION PROTECTOR SLEEVE

Description/Application

- For use with splicing tray
- Protects fiber splices
- Clear outer tube and Stainless steel needle.
- After heat shrinking the size is 2.5 mm diameter x 60 mm length.

Part Number	Description	Dimension (mm.)	Color
SV-2252	Fusion Splice Protector Sleeve, 60 mm.	2.5 x 60	Clear
SV-2251	Fusion Splice Protector Sleeve, 40 mm.	2.5 x 40	Clear

BARE OPTICAL FIBER

Description/Application

Bare fiber is the fiber coated with 250 µm strippable coating. Apart from 9/125 µm singlemode, 62.5/125 µm multimode and 50/125 µm multimode, various kinds of fiber for telecommunications are included, ranging from dispersion, high speed ransmission, large core multimode fiber. Detail specifications of every type are available upon request.

Features / Material

- Multimode 50/125 µm
- Multimode 62.5/125 µm, Extend Grade
- Singlemode 9/125 µm
- G.652D, G.657A, G.655

Fiber Type	Wavelength (nm)	Max. Attenuation (dB/km)	Min. Bandwidth (MHz.km)	Numerical Aperture (N.A)
SM	1310 1550	0.34 0.21	N/A	0.130 ± 0.01
50/125	850 1300	2.50 0.70	500 500	0.200 ± 0.015
50/125 (XG)	850 1300	2.30 0.60	1500 500	0.200 ± 0.015
62.5/125 (graded-index)	850 1300	2.70 0.60	200 600	0.275 ± 0.015

TELECOM DISTRIBUTION CABINET

Description/Application

LINK offer wide range of Telecom Distribution Cabinet which are ideal for using at the IDCs and the central offices. These ODFs are used to provide efficient cable connections between communication facilities.

UF-4010

UF-4014

Features/Material

- This frame is made of top quality steel and deformed aluminum alloy and treated with galvanizing, oxidation and electrostatic plastic spraying.
- The frame has solid structure and pleasing appearance.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front side operation, convenient for maintenances.
- Curvature radius of 40 mm.

Part Number	Description	Dimension H x W x D[mm]	Color
UF-4010	Open F.O Distribution Cabinet w/cable routing	2000 x 840 x 300	Light Grey
UF-4014	Close F.O Distribution Cabinet w/cable routing	2000 x 840 x 300	Light Grey

UF-403X

UF-4048/U

UF-4058/U

UF-4021

UF-4023

Part Number	Description	Height[U]	Color
UF-4032	Panel for Splice & Distribution, 24 Port	2U	Light Grey
UF-4034	Panel for Splice & Distribution, 48 Port	3U	Light Grey
UF-4036	Panel for Splice & Distribution, 72 Port	4U	Light Grey
UF-4048/U	Splice & distribution Panel with FC/UPC adapters	-	Blue
UF-4058/U	12 FC/U SM G652 bundle pigtail 2 meter	-	Yellow
UF-4021	Panel for cable inlet system	5U	Light Grey
UF-4023	Panel for storage	4U	Light Grey

FTTH BOX

UF-1014

UF-1002

Features/Material

- ABS material used ensures the body strong and light
- Easy installations: Mount on wall
- Splicing tray can be removed when needed or during the installation for the convenient operation and installation
- Double-layer design for easier installation and maintenances
  - Upper layer for splicing.
  - Lower layer for distribution.

Part Number	Description	Dimension H x W x D[mm]	Color
UF-1002	2 Port Duplex Home Fiber Termination Box w/o adapter, 4 Fiber	140 x 90 x 20.5	Light Grey
UF-1014	4 Port Simplex Fiber Termination Box w/o adapter, 4 Fiber	120 x 80 x 25	Light Grey

FIBER OPTIC SPLICE CLOSURE(FOSC)

Description/Application

LINK FOSC (Fiber Optic Splice Closure), horizontal type and dome type, which supports optical cable link, branch, distribution and storage. It can be used for both single core cable and ribbon cable.

FOSC, Dome Type

Features/Material

- Made of high impact polycarbonate engineering plastic
- Can be used in wall-mounting, aerial, underground, hand hole-mounting and duct-mounting
- Design branch closure or inline closure with mechanical sealing method : No heat shrink
- Mechanical sealing adjusts to cable size
- Reliable and easy to install
- High compressive strength, no require special tool
- Fiber optic splice trays (FOSTs) are designed in SLIDE-IN-LOCK and its opening angle is about 90°
- Easy and fast to increase and reduce FOSTs
- Included splice protective sleeve and accessories

Part Number	Description	No. of Cable Port	Dimension (mm)
UF-3022A	24 Cores FOSC, Dome Type with 2 Tray (12F)	4	415 × Ø 190
UF-3022A	48 Cores FOSC, Dome Type with 4 Tray (12F)	4	415 × Ø 190
UF-3027A	72 Cores FOSC, Dome Type with 6 Tray (12F)	4	415 × Ø 190
UF-3029A	96 Cores FOSC, Dome Type with 4 Tray (24F)	4	415 × Ø 190
UF-3061A	Splice Tray (Plastic) 12 Fibers for Dome Closure	-	Spare Part
UF-3062A	Splice Tray (Plastic) 24 Fibers for Dome Closure	-	Spare Part

FOSC, Horizontal Type

UF-306XA
for Dome Type

UF-306XA
for Horizontal Type

Part Number	Description	No. of Cable Port	Dimension (mm)
UF-3042A	24 Cores FOSC, Horizontal Type with 2 Tray (12F)	6	396 × 190 x 126
UF-3042A	48 Cores FOSC, Horizontal Type with 4 Tray (12F)	6	396 × 190 x 126
UF-3047A	72 Cores FOSC, Horizontal Type with 6 Tray (12F)	6	396 × 190 x 126
UF-3049A	96 Cores FOSC, Horizontal Type with 4 Tray (24F)	6	396 × 190 x 126
UF-3063A	Splice Tray (Plastic) 12 Fibers for Horizontal Closure	-	Spare Part
UF-3064A	Splice Tray (Plastic) 24 Fibers for Horizontal Closure	-	Spare Part

FIBER OPTIC TERMINAL BOX

UF-4125UPC

UF-4225UPC

Features/Material

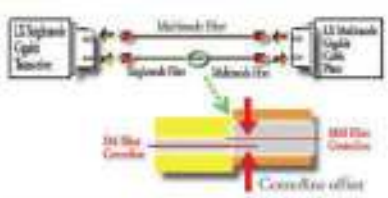
- Two model ABS with PC and Fiber Glass material used ensures the body strong and light.
- Water-proof design for outdoor uses.
- Easy installations: Ready for wall mount – installation kits provided.
- Included SC Adapter, Pigtail, Splice Tray & Protector Sleeve.
- Space saving! Double-layer design for easier installation and maintenances.
- Cable fixing units provided for fixing the outdoor optical cable.
- Protection Level: IP55. Lock provided for extra security.

Part Number	Description	Material	Dimension H x W x D(mm)
UF-4125UPC	Indoor/Outdoor 12 SC/UPC F.O Plastic Terminal Box (w/12 adapter & pigtail)	ABS w/ PC	330 x 225 x 90
UF-4225UPC	Outdoor 16 SC/UPC F.O Glass Fiber terminal Box (w/16SC Adapter & Pigtail)	Fiber Glass	375 × 285 x 100

MODE CONDITIONING

Description/Application

Mode Connecting Patchcord is used with laser transmitters is fiber optic links to improve the transmission bandwidth it is also known as Gigabit Ethernet Patchcords



UF-7 ■ ■ ■

Cable Panel Connector Type	Equipment Connector Type	Cord Length
2 = LC Duplex	2 = LC Duplex	1 = 1 m
4 = ST Duplex	4 = ST Duplex	3 = 3 m
6 = SC Duplex	6 = SC Duplex	5 = 5 m
8 = FC Duplex	8 = FC Duplex	

ATTENUATOR

This is plug-type male to female attenuator. It's available in following different connector designs. Easy installation, and ideal for sensor system, signal processing and laboratory use.

Variable Attenuator

Bulkhead - type Attenuator

Plug - type Attenuator

Items	Range	Tolerance
Attenuator Value (dB)	3	±0.5
	5	±0.5
	10	±1.0
	15	±1.5
	20	±2.0
	25	±2.5
Return Loss (dB)	PC > 45	
	SPC > 50	
	UPC > 55	

UF-71AXX/Y

A : 4 = ST, 5 = SC, 8 = FC, 2 = LC

XX : 03 = 3dB, 05 = 5dB, 10 = 10dB, 15 = 15dB, 20 = 20dB, 25 = 25dB

Y : S0 = PC, S1 = SPC, S2 = UPC

LOOP BACK : SC, LC & MTRJ

Testing, engeering and burn-in stage of boards and other equipment

Item		Multimode		Singlemode	
Connector Type		SC, LC, MTRJ		SC, LC	MTRJ
Fiber Diameter (μm)		62.5/125	50/125	9/125	9/125
Return Loss (dB)	PC Polish	-	-	> 35	≥ 40
	SPC Polish	-	-	> 40	-
	UPC Polish	-	-	> 50	-
Insertion Loss (dB)		≤ 0.5 Max	≤ 0.5 Max.	≤ 0.3 Max.	≤ 0.3 Max.

FIBER OPTIC TOOL KIT

Description/Application

Connecting Fiber Optic will be without any more trouble, with Fiber Optic Tool Kit, with Epoxy Glue from LINK.
It can be applicable with fiber optic connector in 3 patterns, ST, SC and FC, providing more convenience in your work and faster.
All devices are set in its suitable kit by LINK. It is compact and easily kept, very convenient for technicians and also general user.
You can be a pro in doing the wiring of fiber optic.

KIT CONTENTS

1. UF-2821 WIPE PAPER
2. UF-2823 CLEANSER LIQUID
3. UF-2826 A/B FAST EPOXY GLUE (COMPLETE BOND 30 MINUTES)
4. UF-2825 EPOXY SYRINGE
5. UF-2830 (0.3mm -WHITE COLOR) POLISH FILM
6. UF-2831 (1mm -GREEN COLOR) POLISH FILM
7. UF-2835 (5mm -BROWN COLOR) POLISH FILM
8. UF-2803 FIBER COATING 250-900mm STRIPPER
9. UF-2804 KEVLAR SCISSORS
10. UF-2806 CRIMP TOOL [ST, SC, FC]
11. UF-2808 CARBIDE SCRIPE
12. UF-2810 ST POLISH DISC
13. UF-2812 SC POLISH DISC
14. UF-2814 RUBBER WORKING PAD
15. UF-2816 GLASSES WORKING PAD
16. UF-2825 SYRINGE
17. EPOXY MIXER
18. EPOXY MIXER PAD

Part Number	Description	Box Dimension L x W x H(mm)
UF-2840	Fiber Optic PROFESSIONAL TERMINATE SET (No Optical Scope)	297 x 197 x 60

CURING OVEN w/Block24& THERMOMETER

The special design central block allows even heat distribution and minimizes the time for oven curving. It accommodates a variety of connectors including ST, SC, FC as 24 positions. To allow temperature monitoring, a thermometer can be installed at the center of the heating block. Compact size, the oven can be used in outside plant environment.

UF-2861

UF-2862

Features

Temperature range : 65°C to 125°C
Temperature uniformity : ±3.0 °C over the temperature range
Electrical requirement : 50/60Hz, 240VAC, 140 Watts

Part Number	Description	Dimension L x W x H(mm)
UF-2861	Curing Oven w/Block 24 & Thermometer	133 x 165 x 88
UF-2862	Ferrule 2.5mm Protector for Curing Oven	30 x Ø 2.5

OPTICAL FIBER MICROSCOPE 200X

Description/Application

Dual-illumination Handheld Optical Microscope

The UF-2853 microscopes provide dual-illumination,both coaxial and oblique,to produce the highest-quality image detail and superior view of fiber end face cleanliness and core condition. It is 200X magnification models that use energy-efficient light emitting diode (LED) illumination to provide 100,000+ hours of lamp life. The rubber boot provides a slip-resistant grip; while the built-in laser safety filter provides a high level of attenuation at the most common wavelengths for accidental viewing of live fiber. Its durability, ergonomic design optical performance, and ease-of-use make it the optical instrument of choice for viewing fiber terminations in the field UF-2853 microscopes use 2.5 UNIV(for ST,SC,FC connecter), 1.25 UNIV(for LC connecter) adapters that let users inspect various connector types.

Features

- Rugged, ergonomic design for field use
- LED illumination for 100,000+ hours life
- 200X magnification
- Included 2.5 UNIV adapter for ST, SC, FC connecter (1.25 UNIV adapters for LC connecter available on request)
- Coaxial illumination for the highest level of detail
- Oblique illumination for superior view of fiber end facec lean lines and core condition
- Integrated laser safety filter

Part Number	Description	Battery	Dimension L x W x H(mm)
UF-2853	Optical Fiber Microscope 200X w/2.5 mm UNIV Adapter	LR44 x 3	185 x 48 x 30

OPTICAL FIBER LESER INSPECT PEN

Features

Illuminant	:	class III A laser diode
Wavelength	:	630~ 680nm
Output power	:	Single mode fiber ≥0.3mW
		Multimode fiber ≥1.0mW
Operating method	:	Continuous light, Pulse, Off/On

Part Number	Description	Battery	Dimension (mm)
UF-2881	Optical Fiber Laser Inspect Pen Ø 2.5mm for ST,SC,FC	3A x 2	168 x Ø 13.5
UF-2882	Optical Fiber Laser Inspect Pen Ø 1.25mm for LC	3A x 2	168 x Ø 13.5

POWER METER AND LIGHT SOURCE

Application

- Component measurements
- Fiber network tests
- Transmission loss measurement
- Sensing Systems
- Calibration of optical receivers
- Material analysis

Part Number	Description	Battery	Dimension L x W x H(mm)
UF-2890	Power Meter w/ST adapter	Lithium	160 x 70 x 30
UF-2892	LED Light Source Dual wavelength 850 & 1300nm	Lithium	160 x 70 x 30
UF-2894	LD Light Source Dual wavelength 1310 & 1550nm	Lithium	160 x 70 x 30

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