



2022-2023



CATALOG

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

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OUTDOOR / INDOOR ALL-DIELECTRIC, FR-LSZH

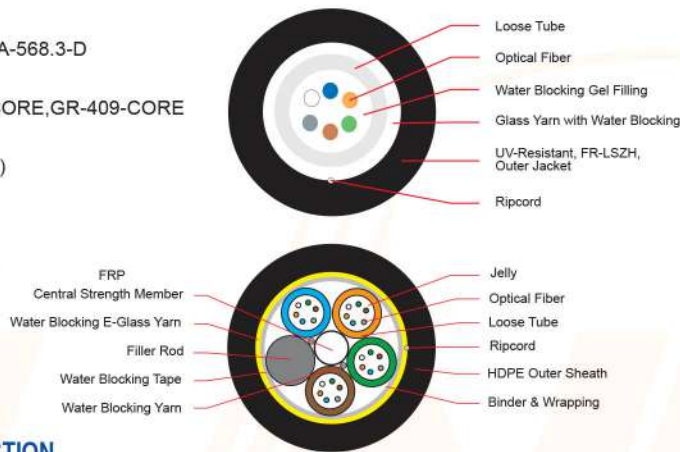


DESCRIPTION / APPLICATION

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

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 696
- Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2165
- RoHS Compliant



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 strengmenber, water blocking and safety for outdoor environment.
- Ripcord is easy to strip.
- UV-resistant, Flame-retardant black PE with LSZH (Low Smoke Zero Halogen) outer jacket.
- Multi tube structure contain up to 312 core.

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 / 2.0 / 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	1500 / 500	3500 / 500	3500 / 1850 / 500
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

	UFCX3XX 4 ~ 6 Core	UFCX3XX 12 Core	UFCX3XXM 24 Core	
Max. Tensile Load, Installation / Operation	1,800 / 900	1,800 / 900	1,800 / 1,000	N
Max. Crush Resistance	1,500	1,500	2,200	N / 10 cm
Cable Diameter, approx.	7.2 ± 0.5	7.7 ± 0.5	9.2 ± 1.0	mm
Cable Weight, approx.	53 ± 5	60 ± 5	85 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	15x / 10x	15x / 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 : OUTDOOR/INDOOR, ALL-DIELECTRIC, FR-LSZH

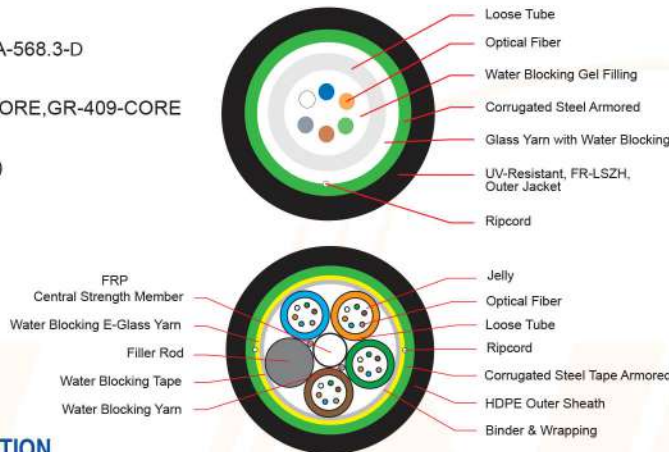
Description	4 Core	6 Core	12 Core	24 Core
Singlemode, 9/125 μm, OS2	UFC9304	UFC9306	UFC9312	UFC9324M
Multimode, 50/125 μm, OM2	UFC5304	UFC5306	UFC5312	UFC5324M
XG Multimode, 50/125 μm, OM3	UFC4304	UFC4306	UFC4312	UFC4324M
Multimode, 50/125 μm, OM4	UFC3304	UFC3306	UFC3312	UFC3324M
Multimode, 50/125 μm, OM5	UFC2304	UFC2306	UFC2312	UFC2324M

DESCRIPTION / APPLICATION

- LINK Outdoor/Indoor, Armored, 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 direct burial, duct and lash-aerial installation.
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G, 40G, 100G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTH or other.

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 696
- Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2165
- RoHS Compliant



OUTDOOR/INDOOR, Armored, Single Tube
UFCX3XXA



OUTDOOR/INDOOR, Armored, Multi Tube
UFCX3XXMA

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 strengmenber, 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 Smoke Zero Halogen) outer jacket.
- Multi tube structure contain up to 312 core.

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	1500 / 500	3500 / 500	3500 / 1850 / 500
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

	UFCX3XXA 4 ~ 6 Core	UFCX3XXA 12 Core	UFCX3XXMA 24 Core	
Max. Tensile Load, Installation / Operation	1,800 / 1,000	1,800 / 1,000	1,800 / 1,000	N
Max. Crush Resistance	2,200	2,200	3,400	N / 10 cm
Cable Diameter, approx.	7.9 ± 0.5	8.4 ± 0.5	10.3 ± 1.0	mm
Cable Weight, approx.	75 ± 0.5	82 ± 0.5	90 ± 10	kg / km
Min. Bending Radius, Installation / Operation	15x / 10x	15x / 10x	15x / 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 : OUTDOOR/INDOOR, ARMORED, FR-LSZH

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

ARMORED, MULTI-TUBE SINGLE or DOUBLE JACKET

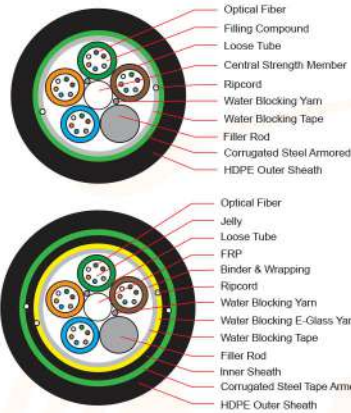


DESCRIPTION / APPLICATION

- LINK Outdoor/Armored, fiber optic cable special design used for campus backbone (inter-building) building backbone (intra-building), 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, 40G, 100G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTX or other.

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2166
- RoHS Compliant



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 and water blocking. (for UFCX6XXMD)
- 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 up to 312 core.

OPTICAL PERFORMANCES

Optical Transmission Performance	Singlemode		Multimode		
	1310/1383/1550/1625 nm	9/125 μm (OS2)	850/1300 nm		850/953/1300 nm
			50/125 μm (OM2)	50/125 μm (OM3)	50/125 μm (OM4)
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	3500 / 1850 / 500
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

	UFCX6XXM	UFCX6XXMD	
Max. Tensile Load, Installation / Operation	2,700 / 1,500	3,000 / 1,800	N
Max. Crush Resistance	3,400	4,400	N / 10 cm
Cable Diameter, approx.	10 ~ 11± 1.0	11.8 ~ 13.8±1.0	mm
Cable Weight, approx.	90 ~ 125±10	120 ~ 150±1.0	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 : ARMORED, MULTI-TUBE SINGLE JACKET

Description	24 Core	48 Core	60 Core	72 Core
Singlemode, 9/125 μm, OS2	UFC9624M	UFC9648M	UFC9660M	UFC9672M
Multimode, 50/125 μm, OM2	UFC5624M	UFC5648M	UFC5660M	UFC5672M
XG Multimode, 50/125 μm, OM3	UFC4624M	UFC4648M	UFC4660M	UFC4672M
Multimode, 50/125 μm, OM4	UFC3624M	UFC3648M	UFC3660M	UFC3672M
Multimode, 50/125 μm, OM5	UFC2624M	UFC2648M	UFC2660M	UFC2672M

Remark : For ARMORED, MULTI-TUBE DOUBLE JACKET add MD on Part Number eg. UFCX6XXMD

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

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 696
- Telcordia(Bellcore)GR-20-CORE,GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2166
- RoHS Compliant



OUTDOOR/INDOOR, DROP WIRE
UFCX5XXOI

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 strengmenber, water blocking and safety for outdoor environment.
- Ripcord is easy to strip.
- UV-resistant, Flame-retardant black PE with LSZH (Low Smoke Zero Halogen) outer jacket.
- Messenger wire provide by 1.2 mm. galvanize steel wire.

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	3500 / 1850 / 500
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

	UFCX5XXOI	
Max. Tensile Load, Installation / Operation	1,200 / 600	N
Max. Span Length	40 ~ 80	m
Max. Crush Resistance	1,500	N / 10 cm
Cable Diameter, approx.	5.6 ~ 6.1 ± 0.5	mm
Overall Diameter, approx.	9.3 ~ 9.8 ± 1.0	mm
Cable Weight, approx.	52 ~ 58 ± 5	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 : OUTDOOR/INDOOR, DROP WIRE, FR-LSZH

Description	4 Core	6 Core	12 Core
Singlemode, 9/125 μm, OS2	UFC9504OI	UFC9506OI	UFC9512OI
Multimode, 50/125 μm, OM2	UFC5504OI	UFC5506OI	UFC5512OI
XG Multimode, 50/125 μm, OM3	UFC4504OI	UFC4506OI	UFC4512OI
Multimode, 50/125 μm, OM4	UFC3504OI	UFC3506OI	UFC3512OI
Multimode, 50/125 μm, OM5	UFC2504OI	UFC2506OI	UFC2512OI

DROP WIRE / SINGLE OR 3 - TWISTED TUBE ARMORED



DESCRIPTION / APPLICATION

- LINK Drop Wire / Aerial, fiber optic cable special design used for campus backbone (inter-building) metro / access and outdoor installation.
- Small diameter and lightweight design to save space inside duct.
- Designed for aerial installation with solid or stranded messenger wire optional.
- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet Gigabit Ethernet and 10G, 40G, 100G Ethernet) ATM, FDDI Fiber Channel CATV, CCTV, FTTH or other.

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2166
- RoHS Compliant



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 strengmenber, water blocking and safety for outdoor environment.
- Ripcord is easy to strip.
- 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.

OPTICAL PREFORMANCES

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	3500 / 1850 / 500
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

	UFCX5XXDSA	UFC5XXMDA	
	4 ~ 12 Core	4 ~ 24 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	3,400	N / 10 cm
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 ± 0.5	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 : CTV SOLID DROP WIRE 3-TUBE, ARMORED

Description	4 Core	6 Core	12 Core
Singlemode, 9/125 μm, OS2	UFC9504DSA	UFC9506DSA	UFC9512DSA
Multimode, 50/125 μm, OM2	UFC5504DSA	UFC5506DSA	UFC5512DSA
XG Multimode, 50/125 μm, OM3	UFC4504DSA	UFC4506DSA	UFC4512DSA
Multimode, 50/125 μm, OM4	UFC3504DSA	UFC3506DSA	UFC3512DSA
Multimode, 50/125 μm, OM5	UFC2504DSA	UFC2506DSA	UFC2512DSA

Remark : For CTV STRANDED DROP WIRE 3-TUBE, ARMORED, add MDA on Part Number eg. UFCX5XXMDA

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



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
- High tensile strength and longer span distance.
- Designed for aerial installation with stranded suspension wire.
- 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-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2166
- RoHS Compliant



FIG.8, MULTI-TUBE, ARMORED UFCA8XXMA

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.
- High Strength Steel Wire Center Strength Member provide for tensile strength (FRP available on Request).
- Water blocking yarns & tape provide for double protection and safety for outdoor environment .
- Ripcord is easy to strip.
- Suspension wire provide by 7 x 1.0 mm. stranded galvanize steel wire for tensile strength.
- UV-resistant, black HDPE outer jacket, Up to 312 core.

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	3500 / 1850 / 500
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

	UFCA8XXMA	
	6 ~ 96 Core	
Max. Tensile Load, Installation / Operation	6,000 / 3,000	N
Max. Span Length	40 ~ 80	m
Max. Crush Resistance	3,400	N / 10 cm
Cable Diameter, approx.	9.8 ~ 10.8 ± 1.0	mm
Overall Diameter, approx.	16.8 ~ 17.8 ± 1.0	mm
Cable Weight, approx.	150 ~ 180 ±10.0	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 : FIG.8, OUTDOOR / MULTI-TUBE

Description	24 Core	48 Core	60 Core	72 Core
Singlemode, 9/125 μm, OS2	UFCA9824MA	UFCA9848MA	UFCA9860MA	UFCA9872MA
Multimode, 50/125 μm, OM2	UFCA5824MA	UFCA5848MA	UFCA5860MA	UFCA5872MA
XG Multimode, 50/125 μm, OM3	UFCA4824MA	UFCA4848MA	UFCA4860MA	UFCA4872MA
Multimode, 50/125 μm, OM4	UFCA3824MA	UFCA3848MA	UFCA3860MA	UFCA3872MA
Multimode, 50/125 μm, OM5	UFCA2824MA	UFCA2848MA	UFCA2860MA	UFCA2872MA

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

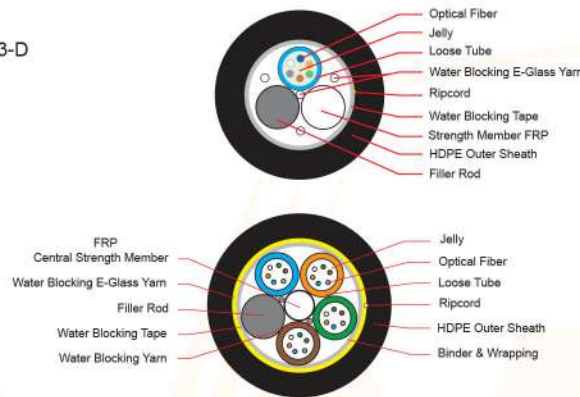


DESCRIPTION / APPLICATION

- 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-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 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, EN 187000
- TIS 2166
- RoHS Compliant



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	3500 / 1850 / 500
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

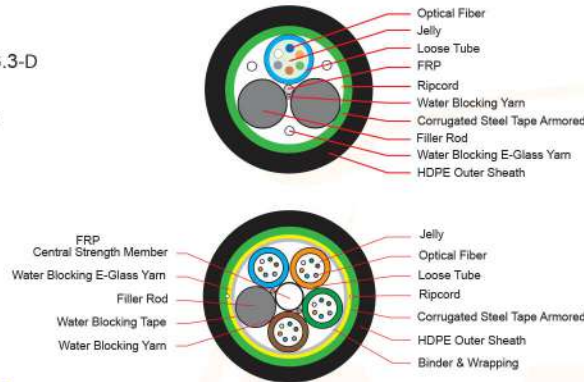


DESCRIPTION / APPLICATION

- LINK ARSS (Anti-Rodent Self Support), outdoor/multi-tube, fiber optic cable special design used for campus backbone (inter- building), metro/access
- High tensile strength and Rodent protection.
- Designed for aerial, duct and direct burial 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-568.3-D
- ANSI/ICEA 640
- Telcordia(Bellcore)GR-20-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60793, IEC 60794-1-2
- EN 50173-1, TIS 2166
- RoHS Compliant



MINI ARSS, SINGLE JACKET
UFCX7XXA



ARSS, SINGLE JACKET
UFCX7XXMA

FEATURES / CONSTRUCTION

- High performance multimode (OM2, OM3, OM4 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.
- Corrugated steel tape coat with polymer provides rodent protection.
- Ripcord is easy to strip.
- Water blocking E-glass yarns provide additional strength member.
- UV-resistant, black HDPE outer jacket, Up to 312 core for ARSS, up to 24C for mini ARSS.

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	3500 / 1850 / 500
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

	UFCX7XXA 6 ~ 24 Core	UFCX7XXMA 6 ~ 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	3,400	3,400	N / 10 cm
Cable Diameter, approx.	8.5 ~ 8.8 ± 0.5	10.3 ~ 12.4 ± 1.0	mm
Cable Weight, approx.	60 ~ 65 ± 5	90 ~ 135 ± 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 : ARSS, MINI ARSS, MULTI-TUBE, ARMORED SINGLE JACKET

Description	6 Core	12 Core	24 Core	48 Core	60 Core	72 Core
MINI ARSS / Singlemode, 9/125 μm, OS2	UFC9706A	UFC9712A	UFC9724A	-	-	-
ARSS / Singlemode, 9/125 μm, OS2	UFC9706MA	UFC9712MA	UFC9724MA	UFC9748MA	UFC9760MA	UFC9772MA
MINI ARSS / Multimode, 50/125 μm, OM2	UFC5706A	UFC5712A	UFC5724A	-	-	-
ARSS / Multimode, 50/125 μm, OM2	UFC5706MA	UFC5712MA	UFC5724MA	UFC5748MA	UFC5760MA	UFC5772MA

INDOOR DISTRIBUTION

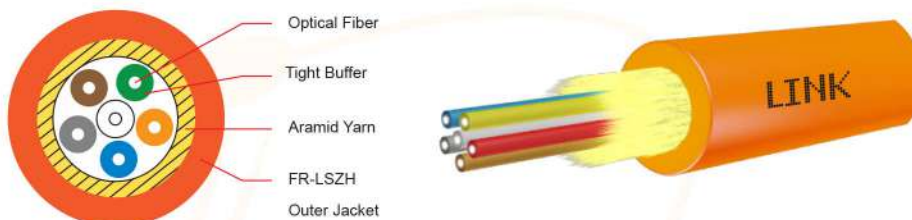


DESCRIPTION / APPLICATION

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

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 596
- Telcordia (Bellcore) GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2
- EN 50173-1, UL, FR-LSZH & OFNR
- RoHS Compliant



INDOOR DISTRIBUTION
UFCX2XX

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.
- 900 μm tight buffer easy to strip and terminated for direct connectorization with all common connector types.
- Aramid yarns provide for strength member.
- Flame-retardant with LSZH (Low Smoke 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 / 2.0 / 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	1500 / 500	3500 / 500	3500 / 1850 / 500
850 nm Laser bandwidth (MHz/km)	N / A	N / A	2,000	4,700	4,700
Numerical Aperture	0.13 \pm 0.01	0.200 \pm 0.015	0.200 \pm 0.015	0.200 \pm 0.015	0.200 \pm 0.015

MECHANICAL PROPERTIES

	UFCX2XX	
Max. Tensile Load, Installation	4 ~ 12 Core	
Cable Diameter, approx.	660 / 330	N
Cable Weight, approx.	4.8 ~ 6.8 \pm 0.2	mm
Min. Bending Radius, Installation / Operation	21 ~ 42	kg / km
Installation / Operation Temperature	15x / 10x	Cable Diameter
Storage / Shipping Temperature	-20°C to +80°C	
	-40°C to +85°C	

PART NUMBER : INDOOR DISTRIBUTION

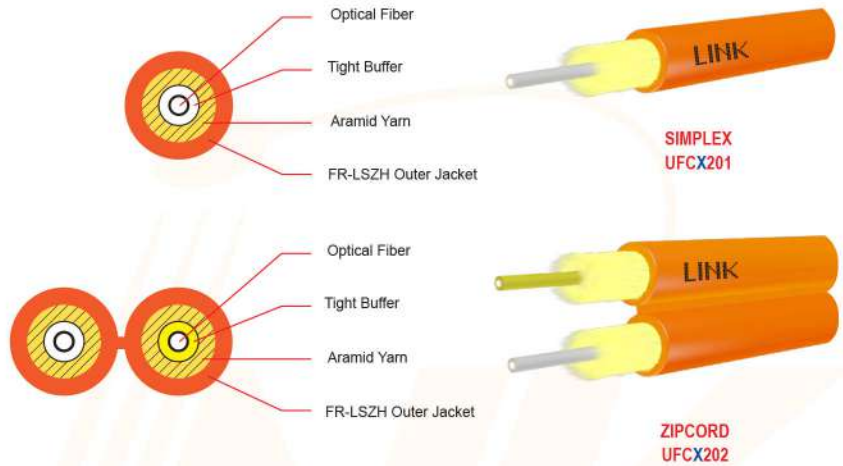
Description	4 Core	6 Core	12 Core
Singlemode, 9/125 μm , OS2	UFC9204LSZH	UFC9206LSZH	UFC9212LSZH
Multimode, 50/125 μm , OM2	UFC5204LSZH	UFC5206LSZH	UFC5212LSZH
XG Multimode, 50/125 μm , OM3	UFC4204	UFC4206	UFC4212
Multimode, 50/125 μm , OM4	UFC3204	UFC3206	UFC3212
Multimode, 50/125 μm , OM5	UFC2204	UFC2206	UFC2212

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

STANDARDS

- ANSI/TIA-568-C.3, ANSI/TIA-568.3-D
- ANSI/ICEA 596
- Telcordia (Bellcore) GR-409-CORE
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Singlemode)
- ISO/IEC 11801 : 2017
- IEC 60332-1, IEC 60332-3
- IEC 61034-2, IEC 60754-2
- IEC 60793, IEC 60794-1-2
- EN 50173-1, UL, FR-LSZH & OFNR
- RoHS Compliant



FEATURES / CONSTRUCTION

- High performance multimode (OM2, OM3, OM4 and OM5) and singlemode (OS2 or G.652D) fiber optic cable.
- 900 μm tight buffer easy to strip and terminated for direct connectorization with all common connector types.
- Aramid yarns provide for strength member.
- Flame-retardant with LSZH (Low Smoke Zero Halogen) outer jacket.
- Available jacket 3.0 mm. and 2.0 mm.

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 / 2.0 / 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	1500 / 500	3500 / 500	3500 / 1850 / 500
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

	SIMPLEX	ZIPCORD	
Maximum Tensile Load, Installation / Operation	150 / 80	200 / 100	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.	6 / 7	12 / 14	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 : INDOOR SIMPLEX & ZIPCORD

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	UFC9201LSZH	UFC9201-2LSZH	UFC9202LSZH	UFC9202-2LSZH
Multimode, 50/125 μm, OM2	UFC5201LSZH	UFC5201-2LSZH	UFC5202LSZH	UFC5202-2LSZH
XG Multimode, 50/125 μm, OM3	UFC4201	UFC4201-2	UFC4202	UFC4202-2
Multimode, 50/125 μm, OM4	UFC3201	UFC3201-2	UFC3202	UFC3202-2
Multimode, 50/125 μm, OM5	UFC2201	UFC2201-2	UFC2201	UFC2202-2

FTTH FLAT, DISTRIBUTION CABLE LSZH, INDOOR-OUTDOOR



- 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 fiber with tensile strength
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket



FTTH FLAT, LSZH, Indoor-Outdoor

PART NUMBER

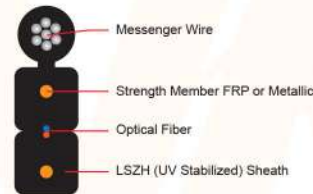
Description	1 Core	2 Core	4 Core
FTTH FLAT, DISTRIBUTION, LSZH, Indoor-Outdoor, FRP	UFH9321	UFH9322	UFH9324
FTTH FLAT, DISTRIBUTION, LSZH, Indoor-Outdoor, FRP	UFH9321-3*	-	-

* -3 : 300 M

FTTH FLAT, STRANDED DROP CABLE, LSZH, INDOOR-OUTDOOR

FEATURES / MATERIAL

- 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 fiber with tensile strength
- With stranded messenger wire 7 x 0.4 mm (1.2mm.)
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket



FTTH FLAT Stranded Drop Cable, LSZH, Indoor-Outdoor

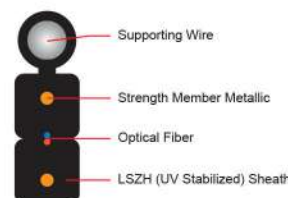
PART NUMBER

Description	1 Core	2 Core	4 Core
FTTH FLAT, Stranded Drop Cable LSZH, Indoor-Outdoor, FRP	UFH9521	UFH9522	UFH9524
FTTH, Stranded Drop LSZH, Indoor-Outdoor, FRP	UFH9521-CAT	-	-

FTTH FLAT, Solid DROP CABLE, LSZH, INDOOR-OUTDOOR

FEATURES / MATERIAL

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- Two Metallic strength member protects the fiber with tensile strength
- With solid messenger wire (1.2mm.)
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket



FTTH FLAT Solid Drop Cable, LSZH, Indoor-Outdoor

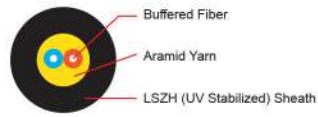
PART NUMBER

Description	1 Core	2 Core	4 Core
FTTH FLAT, Solid Drop Cable LSZH, Indoor-Outdoor, Metallic	UFH9511M	UFH9512M	UFH9514M
FTTH FLAT, Solid Drop Cable LSZH, Indoor-Outdoor, Metallic	UFH9511-TCC	UFH9512-TCC	UFH9514-TCC
FTTH FLAT, Solid Drop Cable LSZH, Indoor-Outdoor, Metallic	UFH9115M-5*	-	-

* -5 : 500 M

FEATURES / CONSTRUCTION

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- 900 μm and 600 μm tight buffer coating Allowing easy connectorization and strippability
- Aramid Yarn reinforcement for rugged protection
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket



FTTH ROUND, STRANDED DROP CABLE

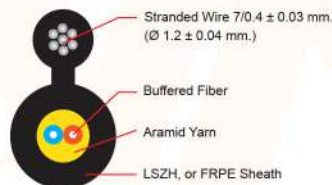
PART NUMBER

Description	1 Core	2 Core	4 Core
FTTH Round, LSZH, Indoor-Outdoor	UFH9301R	UFH9302R	UFH9304R

FTTH ROUND, STRANDED DROP CABLE, FR-PE, INDOOR-OUTDOOR

FEATURES / CONSTRUCTION

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- 900 μm and 600 μm tight buffer coating Allowing easy connectorization and strippability
- Aramid Yarn reinforcement for rugged protection
- With stranded messenger wire 7 x 0.4 mm (1.2mm.)
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH or FRPE jacket and TOT Approved



FTTH ROUND, STRANDED DROP CABLE

PART NUMBER

Description	1 Core	2 Core	4 Core
FTTH Round, Stranded Drop Cable, FR-PE, Indoor-Outdoor	UFH9501R-TOT	UFH9502R-TOT	-
FTTH Round, Stranded Drop Cable, LSZH, Indoor-Outdoor	UFH9501R	UFH9502R	UFH9504R

FTTH ROUND, ARMORED, SOLID DROP WIRE CABLE

FEATURES / CONSTRUCTION

- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- 900 μm and 600 μm tight buffer coating Allowing easy connectorization and strippability
- Aramid Yarn reinforcement for rugged protection
- Flexible Stainless Steel Tap coating to provides rodent protection
- With solid messenger wire (1.2 \pm 0.05 mm)
- Easier to be stripped, connected, simple installation and maintenance
- Safe and environment friendly with FR-LSZH jacket



FTTH ROUND, ARMORED, STRANDED DROP CABLE

PART NUMBER

Description	1 Core	2 Core	4 Core
FTTH Round, Armored, Stranded Drop Cable, LSZH	UFH9501RA-TOT	UFH9502RA-TOT	-
FTTH Round, Armored, Stranded Drop Cable, LSZH	UFH9501RA	UFH9502RA	UFH9504RA

FTTH FIELD INSTALLATION CONNECTOR



Field Assembly Connector (Fast Connector) adopts the newest fiber terminal technology, the optical and mechanical properties are all up to the standard jump cable, it provides powerful technical support for FTTH access.

FEATURES / MATERIAL

- Field installable, high reliability.
- Fiber pre-installed, no polishing required.
- Compact size, light weight.
- Suitable for drop cable and pigtail to home.



UFH3011



UFH3012

Part Number	Description	Color
UFH3011	SC/UPC Field Install Connector, for Flat Cable	Blue
UFH3012	SC/APC Field Install Connector, for Flat Cable	Green

FTTH SMART OUTLET

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.
- Without adapter
- Suitable for SC & LC adapter



Part Number	Description	Dimension H x W x D(mm)	Color
UF-1014	4 Port Simplex Fiber Termination Box w/o adapter, 4 Fiber, empty	120 x 80 x 25	Light Grey
UFH3022	FTTH Smart Housing Outlet for 2 x SC Simplex (or LC Duplex), empty	130 x 84 x 24	White
UFH3026	Mini FTTH Smart Housing Outlet for 2 x SC Simplex (or LC Duplex), empty	85 x 85 x 25	White

FTTH ROUND CABLE ASSEMBLY

FEATURES / CONSTRUCTION

- It is a finished cable from factory
- Which is easily to installation
- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- Safe and environment friendly with FR-LSZH jacket
- Included protector sleeve, heatshiink tube & cable ties



UFP966542-03-OI

Part Number	Description
UFP966542-03-OI	OFTK SC (APC) OUTDOOR / INDOOR PATCH CORD, 3 M, LSZH, OD .35 mm.

FTTH FLAT CABLE ASSEMBLY

FEATURES / CONSTRUCTION

- It is a finished cable from factory
- Which is easily to installation
- Optical Fiber can be ITU-T G.657A2 and fully compatible ITU-T G.652
- Simple structure, light weight and practical
- Two Metallic strength member protects the fiber with tensile strength
- With solid messenger wire (1.2mm.)
- Safe and environment friendly with FR-LSZH jacket
- Available length 25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 and 300 m.



UFH9862-XXX

Part Number	Description
UFH9862-XXX-TC	FTTH Flat Cable Assembly XXX M. , LSZH SC/APC to SC/APC

XXX = length ; 025(25 m.), 300(300 m.)



Planar Lightwave Circuits(PLC)Optical Splitter are fully passive optical branching devices that exhibit very low insertion loss and PDL, great channel uniformity and a wide wavelength operative range. These splitter are manufactured and tested to Telcordia-1209-core & GR-1221-core to provide high performance, specifically designed to meet the tough requirement of FTTH, PON and CATV network.

FEATURES / CONSTRUCTION

- High uniformity
- Low insertion loss
- Compact & small size
- High reliability and stability
- Optimal input & output
- Available ratio 1 x 2, 1 x 4, 1 x 8, 1 x 16 and 1 x 32



UFH81XX



UFH83XX

Part Number	Description	Jacket Dia.
UFH-81XX	Blockless PLC Splitter 1 x XX SC/APC, 1 m	0.9 mm.
UFH-82XX	Blockless PLC Splitter 1 x XX LC/APC, 1 m	0.9 mm.
UFH-83XX	Module Type PLC Splitter 1 x XX SC/APC, 2 m	2.0 mm.
UFH-84XX	Module Type PLC Splitter 1 x XX LC/APC, 2 m	2.0 mm.

XX = Ratio ; 02(1 x 2), 04(1 x 4), 08(1 x 8), 16(1 x 16), 32(1 x 32)

AERIAL JOINT CLOSURE & SPLITTER

FEATURES / APPLICATIONS

- The closure adopts horizontal mechanical sealing and advanced internal structure design.
- 16 pcs 2*3mm drop cable both ends in and out.
- The closure is spacious enough for winding and storing fibers
- The patented sealing structure keep good sealing performance after re-entry and re-using.
- Easy open and close of closure with snap lock
- 24 cores Fusing Splice available (Max. 48cores)
- Suitable for bunchy fibers
- Aerial, wall-mounting
- It's especially applicable to FTTH optical fiber distribution



UF-3042S



UF-3042SP

Part Number	Description	Type
UF-3042S	FTTH Aerial Straight Joint Closure (Suitable with Flat & Round Cable)	Snap Lock
UF-3042SP	FTTH Aerial Outdoor Splitter 1x8 (Suitable with Flat & Round Cable)	Snap Lock

PON TERMINAL BOX

FEATURES / CONSTRUCTION

- Body made from Electro galvanize sheet steel, very durability for UFH3114
- 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.



UFH3002



UFH3112



UFH3114



UF-4125A-UPC



UF-4225A-UPC

Part Number	Description	Material	Dimension H x W x D(mm)
UFH3002	Indoor/Outdoor 4SC/APC PON Terminal Box (w/2 SC Adapter)	ABS w/PC	185 x 128 x 44
UFH3112	Indoor/Plastic 12 SC/APC PON Terminal Box (w/12 Adapter & Pigtail)	ABS w/ PC	270 x 335 x 95
UFH3114	Indoor PON Terminal Cabinet 24-48 Port (w/o Adapter & Pigtail)	Galvanize Steel	440 x 90 x 400
UF-4125A-UPC	Indoor/Outdoor 12 SC/UPC F.O Plastic Terminal Box (w/12 Adapter & Pigtail)	ABS w/ PC	330 x 225 x 90
UF-4225A-UPC	Outdoor 16 SC/UPC F.O Glass Fiber Terminal Box (w/16SC Adapter & Pigtail)	Fiber Glass	375 x 285 x 100

FIBER OPTIC RACK MOUNT DRAWER TYPE

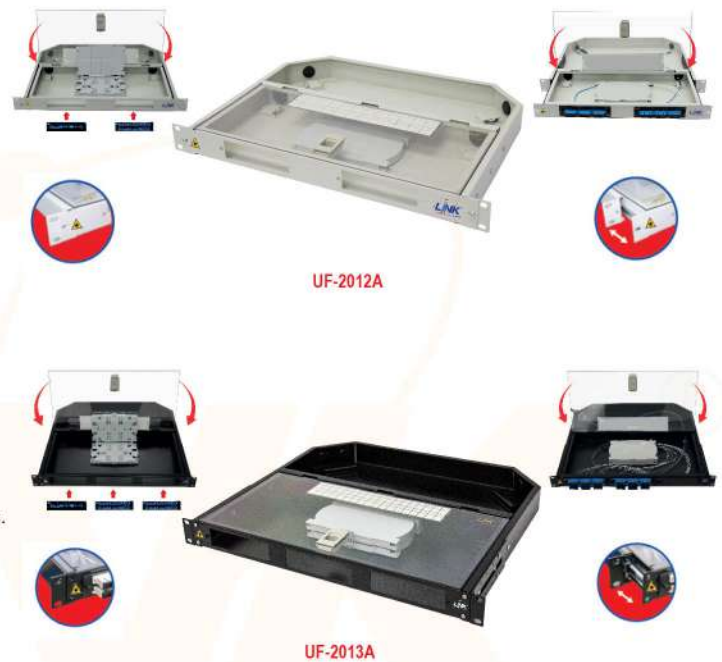


DESCRIPTION / APPLICATION

- 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-568.3-D ISO/IEC 11801 : 2017 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.
- Fusion Splicing Tray made from PC/ABS to control bending radius subject to the standard.
- Fusion Splicing Tray support 24 fiber cores, can stacking & hinged.
- 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
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 SLIDE TYPE

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.
- Fusion Splicing Tray made from PC/ABS to control bending radius subject to the standard.
- Fusion Splicing Tray support 24 fiber cores, can stacking & hinged.
- 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
 - 2 cable glands



Part Number	Description	No. of Adapter Plate	Color	Dimension W X D X H (Cm)
UF-2010	2 SNAP- IN, F.O RACK MOUNT, SLIDE TYPE	2	Black	48.0 x 19.5 x 4.45
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

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-568.3-D ISO/IEC 11801:2017 and RoHS Compliant.

FEATURES / MATERIAL

- Designed for all fiber optic wiring.
- Suitable for installation in 19" rack.
- 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.
- Fusion Splicing Tray made from PC/ABS to control bending radius subject to the standard.
- Fusion Splicing Tray support 24 fiber cores, can stacking & hinged.
- 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



RACK MOUNT FIXED

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-568.3-D ISO/IEC 11801:2017 and RoHS Compliant

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.
- Fusion Splicing Tray made from PC/ABS to control bending radius subject to the standard.
- Fusion Splicing Tray support 24 fiber cores, can stacking & hinged.
- 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



WALL MOUNT ENCLOSURE

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

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-568.3-D and ISO/IEC 11801:2017. RoHS Compliant

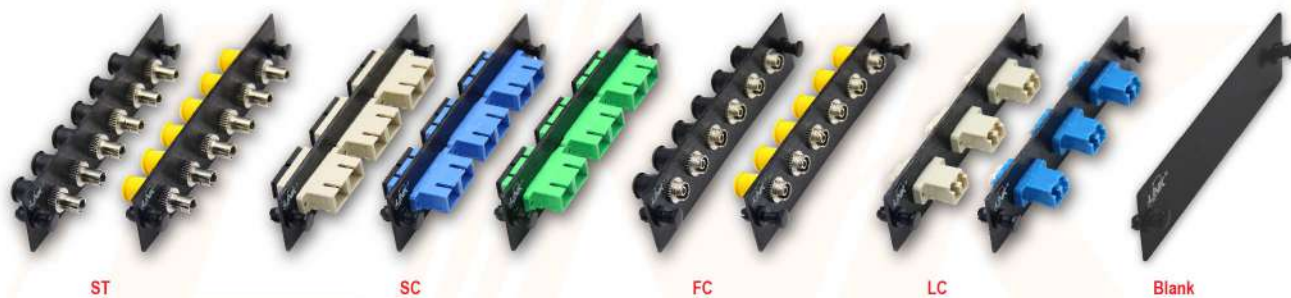
FEATURES / MATERIAL

- 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 and number per each port.
- Provide nylon rivet (snap on) access easy to install and update.

PERFORMANCE

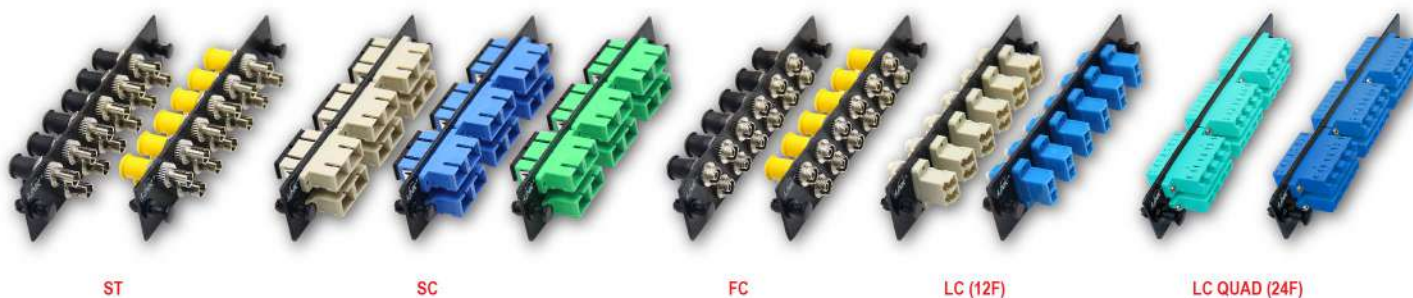
		MULTIMODE	SINGLEMODE
Insertion Loss	Typ.	≤ 0.15 dB	≤ 0.15 dB
	Max.	≤ 0.30 dB	≤ 0.30 dB
Durability		500 cycles	500 cycles
Alignment Sleeve		Phosphor Bronze	Zirconia, ceramic
Operating Temperature		-40°C to 85°C	-40°C to 85°C
Storage Temperature		-40°C to 85°C	-40°C to 85°C

6 FIBER ADAPTER SNAP PLATE



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-2166SM/APC	3 SC DUPLEX ADAPTER SNAP PLATE	SM	PBT,UL94V-0	Green	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 & 24 FIBER ADAPTER SNAP PLATE



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-2266SM/APC	6 SC DUPLEX ADAPTER SNAP PLATE	SM	PBT,UL94V-0	Green	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
UF-2222Q	6 LC QUAD ADAPTER SNAP PLATE	MM	PC,UL94V-0	Ivory	PVC
UF-2222QSM	6 LC QUAD ADAPTER SNAP PLATE	SM	PC,UL94V-0	Blue	PVC

DESCRIPTION / APPLICATION

- LINK fiber optic adapters are available in ST, SC, FC and LC adapters have high precision alignment sleeves for reliability and better reconnectability. LINK adapters come with a ceramic sleeve for the singlemode and phosphor bronze sleeve for the multimode. Meets standard ANSI/TIA-568.3-D and ISO/IEC 11801:2017. RoHS Compliant

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.

PERFORMANCE

		MULTIMODE	SINGLEMODE
Insertion Loss	Typ.	≤ 0.15 dB	≤ 0.15 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



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-0055	SC SIMPLEX ADAPTER	MM	PBT,UL94V-0	Ivory	PP
UF-0055SM	SC SIMPLEX ADAPTER	SM	PBT,UL94V-0	Blue	PP
UF-0055SM/APC	SC SIMPLEX ADAPTER, APC	SM	PBT,UL94V-0	Green	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-0066XG	SC DUPLEX ADAPTER	XG	Nickel Plated Brass	Aqua	PVC
UF-0066OM4	SC DUPLEX ADAPTER	OM4	Nickel Plated Brass	Aqua	PVC
UF-0066OM5	SC DUPLEX ADAPTER	OM5	Nickel Plated Brass	Lime Green	PVC
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-0088SM/U	FC ADAPTER, SQUARE TYPE, UPC	SM	Nickel Plated Brass	Metallic	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-0022Q	LC QUAD ADAPTER	MM	Nickel Plated Brass	Ivory	PVC
UF-0022QSM	LC QUAD ADAPTER	SM	Nickel Plated Brass	Blue	PVC
UF-0022QXG	LC QUAD ADAPTER	XG	Nickel Plated Brass	Aqua	PVC
UF-0022QOM4	LC QUAD ADAPTER	OM4	Nickel Plated Brass	Aqua	PVC
UF-0022QOM5	LC QUAD ADAPTER	OM5	Nickel Plated Brass	Lime Green	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 (OM2, OM3, OM4, OM5) and simplex and duplex. Meets standard ANSI/TIA-568.3-D and ISO/IEC 11801:2017 Complies with IEC 61754, TIA/EIA 604, EIA 455 and 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 900mm, 3.0mm or 2.0mm cable diameter are available

PERFORMANCE

	MULTIMODE	SINGLEMODE
Insertion Loss	≤ 0.15 dB	≤ 0.15 dB
Typ.		
Max.	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 20 dB	≥ 50 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



FC Connector



LC Simplex 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



DESCRIPTION / APPLICATION

LINK fiber optic pigtail compliant ISO/IEC 11801:2017, ANSI/TIA-568.3-D, UL-E337497 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 mm (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 (OM2, OM3, OM4, OM5)	SINGLEMODE (OS2)
Insertion Loss	Typ. ≤ 0.15 dB	≤ 0.15 dB
	Max. ≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 26 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



UFP540S01-01/UFP540S31-01
ST (MM) Pigtail

UFP940S01-01/UFP940S31-01
ST (SM) Pigtail

UFP560S01-01/UFP560S31-01
SC (MM) Pigtail

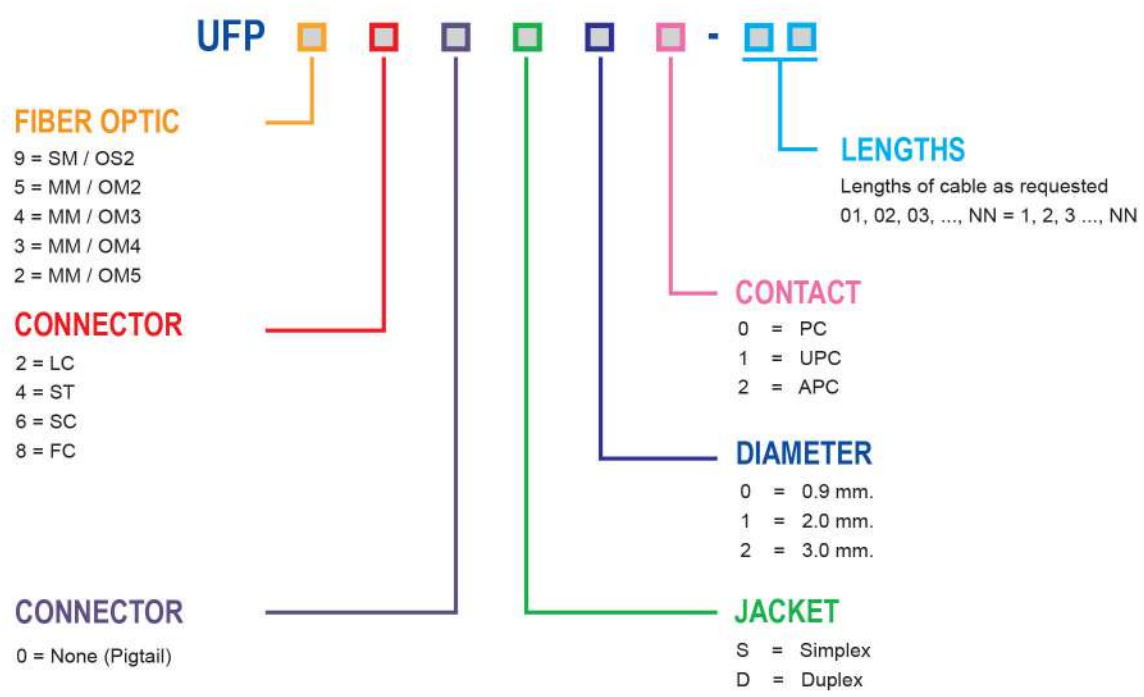
UFP960S01-01/UFP960S31-01
SC (SM) Pigtail

UFP520S01-01/UFP520S31-01
LC (MM) Pigtail

UFP920S01-01/UFP920S31-01
LC (SM) Pigtail

UFP980S01-01/UFP980S31-01
FC/PC (SM) Pigtail

UFP980S02-01/UFP980S32-01
FC/APC (SM) Pigtail



FIBER OPTIC PATCH CORD

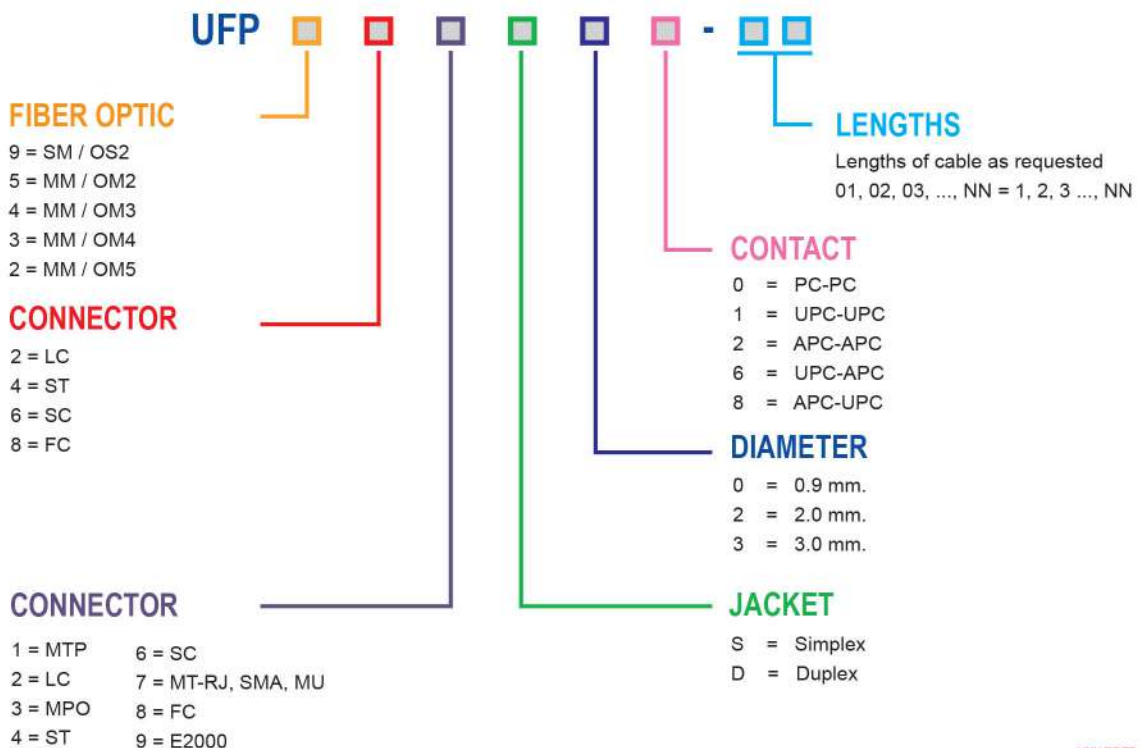


DESCRIPTION / APPLICATION

LINK fiber optic patch cord compliant ISO/IEC 11801:2017, ANSI/TIA-568.3-D, UL-E337497 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 (OM2, OM3, OM4, OM5)	SINGLEMODE (OS2)
Insertion Loss	≤ 0.15 dB	≤ 0.15 dB
Typ.		
Max.	≤ 0.30 dB	≤ 0.30 dB
Return Loss	≥ 26 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



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.

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 F.O. Splice Closure, Dome Type with 2 Tray (12F)	4	415 × Ø 190
UF-3024A	48 Cores F.O. Splice Closure, Dome Type with 4 Tray (12F)	4	415 × Ø 190
UF-3027A	72 Cores F.O. Splice Closure, Dome Type with 6 Tray (12F)	4	415 × Ø 190
UF-3029A	96 Cores F.O. Splice Closure, 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

FIBER OPTIC SPLICE CLOSURE(FOSC) HORIZONTAL TYPE



Part Number	Description	No. of Cable Port	Dimension (mm)
UF-3041	12 Cores F.O. Splice Closure, Horizontal Type / 1 Tray (12F)	6	210 x 150 x 30
UF-3042A	24 Cores F.O. Splice Closure, Horizontal Type with 2 Tray (12F)	6	396 x 190 x 126
UF-3044A	48 Cores F.O. Splice Closure, Horizontal Type with 4 Tray (12F)	6	396 x 190 x 126
UF-3047A	72 Cores F.O. Splice Closure, Horizontal Type with 6 Tray (12F)	6	396 x 190 x 126
UF-3049A	96 Cores F.O. Splice Closure, Horizontal Type with 4 Tray (24F)	6	396 x 190 x 126
UF-3052A	More SPACE 24 C F.O. Splice HORIZONTAL CLOSURE /2 Tray (12F)	6	330 x 195 x 125
UF-3057A	More SPACE 72 C F.O. Splice HORIZONTAL CLOSURE /3 Tray (24F)	6	510 x 230 x 110
UF-3063A	Splice Tray (Plastic) 12 Fibers for Horizontal Closure	-	Spare Part
UF-3064A	Splice Tray (Plastic) 24 Fibers for Horizontal Closure	-	Spare Part

TELECOM F.O. DISTRIBUTION UNIT



DESCRIPTION / APPLICATION

LINK FDU (F.O. PATCH PANEL) Rack Mount provides a centralized point for termination, splice, storage and distribution of optical fibers, which are middle capacity both side operation, it is suitable for central offices connection points, data centers, local area network etc. It is an ideal solution for rack or cabinet mounting in compact areas. This unit provides excellent fiber patching management.

FEATURES / MATERIAL

- Removable front-top cover for easier operations.
- Cold-rolled Steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy operations: Drawer type.
- Fully stable patch panel, no risk of movement.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Height: 1U-5U, depends on capacity and adapter type chosen.
- Adapter Panel adopted for easy operation. Cable fixing units provided.
- Suitable for all of LINK adapter snap plate such as ST, SC, FC and LC Adapter Snap Plate.



UF-4082A

*Not Include F.O. Adapter Plate

Part Number	Description	Dimension H x W x D(mm)	Color
UF-4082A	FDU SLIDE 24 C, Slide w/Cover, Rack Mount, w/Tray & Acc.	432X282X44	Light Gray
UF-4084A	FDU SLIDE 48 C, Slide w/Cover, Rack Mount, w/Tray & Acc.	432X282X88	Light Gray
UF-4086A	FDU SLIDE 72 C, Slide w/Cover, Rack Mount, w/Tray & Acc.	432X282X136	Light Gray
UF-4089A	FDU SLIDE 96 C, Slide w/Cover, Rack Mount, w/Tray & Acc.	432X282X176.8	Light Gray
UF-4102A	FDU SLIDE 120-144 C, Slide w/Cover, Rack Mount, w/Tray & Acc.	432X282X221.25	Light Gray



*Not Include F.O. Adapter Plate

Part Number	Description	Dimension H x W x D(mm)	Color
UF-4112A	F.O. TEMINAL 24 C, Outdoor Steel, w/Tray & Acc.	350X403.5X180	Light Gray
UF-4114A	F.O. TEMINAL 48 C, Outdoor Steel, w/Tray & Acc.	350X403.5X180	Light Gray
UF-4116A	F.O. TEMINAL 72 C, Outdoor Steel, w/Tray & Acc.	390X460X200	Light Gray
UF-4119A	F.O. TEMINAL 96 C, Outdoor Steel, w/Tray & Acc.	490X550X250	Light Gray
UF-4120A	F.O. TEMINAL 120 C, Outdoor Steel, w/Tray & Acc.	490X550X275	Light Gray
UF-4144A	F.O. TEMINAL 144 C, Outdoor Steel, w/Tray & Acc.	490X550X300	Light Gray

F.O. OUTDOOR CROSS CONNECT CABINET

FEATURES / MATERIAL

- Customized size available upon request
- Pole and pad versions available
- Front access with locking feature
- Provides flexible fiber cable management
- Compatible with all types of PLC splitters
- Pre-connectorized fiber pigtails installed for rapid deployment
- 48, 96, 120, 144 Cores.



Part Number	Description	Figure	Color
CALL	F.O. Outdoor Cross Connect Cabinet	A	Light Grey
CALL	FDH, 96 C	B	Light Grey



EXTREME HI-D, MPO FIBER PATCH PANEL

SPECIFICATION

- Light-weight stacking and extreme high density data center fiber systems
- 1U- 144Fiber / 2U- 288Fiber / 4U- 576Fiber enclosures are available for options
- Modular design, easy for structure upgrade and convenient maintenance
- Pre-termination makes plug and play in real and saves in-field installation time and money



DC-2101
Extreme Hi-D, 1 U,
144 Core



DC-2102
Extreme Hi-D, 2 U,
288 Core



DC-2104
Extreme Hi-D, 4 U,
576 Core

EXTREME HI-D, MPO CASSETTE

SPECIFICATION

- Module with extreme slim and low-profile design to achieve maximum fiber density
- Multimode Fiber in OM3, OM4, OM5 and Singlemode OS2
- Achieve Data Center 10G, 25G, 40G, 50G, 100G and 400G migration
- Low Loss Performance-Max. 0.35dB per MPO connector



DC-21432A
OM3, Extreme Hi-D,
MPO Cassette



DC-21332A
OM4, Extreme Hi-D,
MPO Cassette



DC-21232A
OM5, Extreme Hi-D,
MPO Cassette



DC-21932A
OS2, Extreme Hi-D,
MPO Cassette

MPO FIBER PATCH PANEL & MPO CASSETTES

SPECIFICATION

- Light-weight stacking and high density data center fiber systems
- 1U- 72Fiber enclosures are available
- Modular design, easy for structure upgrade and convenient maintenance
- Pre-termination makes plug and play in real and saves in-field installation time and money



DC-2017A



OM3, 12C OR 24C
MPO-LC Cassette



OM4, 12C OR 24C
MPO-LC Cassette



SM, 12C OR 24C
MPO-LC Cassette

MPO ARRAY CABLE 1 - 100 M.

SPECIFICATION

- Meet to ANSI/TIA-568.3-D and ISO/IEC 11801 standard.
- Pre-terminated fulfills the innovation cabling system of Factory-Assembled, Factory-Tested.
- 12, 24 cores OM3, OM4 OM5 and OS2 fiber optic cable, jacket coating with FR-LSZH.
- Achieve Data Center 10G, 25G, 40G, 50G, 100G and 400G migration
- Plug & Play fiber solution



MPO-MPO
ARRAY CABLE

MPO TRUNK CABLE 3 - 100 M.

SPECIFICATION

- Meet to ANSI/ TIA-568.3-D and ISO/IEC 11801 standard.
- Pre-terminated fulfills the innovation cabling system of Factory-Assembled, Factory-Tested.
- 12, 24, 48, 96 cores OM3, OM4 OM5 and OS2 fiber optic cable, jacket coating with FR-LSZH.
- Achieve Data Center 10G, 25G, 40G, 50G, 100G and 400G migration
- Plug & Play fiber solution



MPO-MPO
TRUNK CABLE

MPO HARNESS CABLE & TRUNK HARNESS CABLE

SPECIFICATION

- Meet to ANSI/TIA-568.3-D and ISO/IEC 11801 standard.
- Pre-terminated fulfills the innovation cabling system of Factory-Assembled, Factory-Tested.
- 8, 12, 24 cores OM3, OM4 OM5 and OS2 fiber optic cable, jacket coating with FR-LSZH.
- Achieve Data Center 10G, 25G, 40G, 50G, 100G and 400G migration
- Plug & Play fiber solution



MPO-LC
ARRAY CABLE



MPO-LC
TRUNK HARNESS CABLE

24 FIBER SPLICING TRAY



DESCRIPTION / APPLICATION

- For use with all LINK rack mount enclosure and wall mount enclosure.
- Made from ABS and accommodated 24 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
UF-2082	24 Fiber Splicing Tray	158 x 103.5 x 10.4	Light Grey

FUSION PROTECTOR SLEEVE

DESCRIPTION / APPLICATION

- For use with splicing tray
- Protects fiber splices
- Clear outer tube and Stainless steel needle.



Part Number	Description	Dimension (mm.)	Color
SV-2252A-12	Fusion Splice Protector Sleeve, 60 mm., Slim Type	2.5 x 60	Clear
SV-2253-10	Fusion Splice Protector Sleeve, 60 mm., Large Type	5.0 x 60	Clear
SV-2252SET	HEAT SHRINK with sleeve for FLAT FTTH	5.5 x 6.6 x 120 (Pre-Heat Shrinkable Tube) 5.0 x 60 (Protector Sleeve)	Black Clear

OTDR DUMMY CABLE BOX

Designed to aid in the testing of fiber optic cable when using an OTDR. Launch Fiber Box is used with Optical Time Domain Reflectometers (OTDR's) to help minimize the effects of the OTDR's launch pulse on measurement uncertainty. Available in many different configurations and fiber lengths.

SPECIFICATION

- Operating Temperature : -40°C to +50°C
- Typical Loss : <1dB@1310nm for 1000 meters
- Standard Attachment : Insert Return Loss Report
OTDR Test Report
3D Test Report (Grade A only)



PART NUMBER : UF - [A] - [B] - [C] - [D]

A = Input Connector	B = Output Connector	C = Fiber	D = Length
FC - FC/UPC	FC - FC/UPC	9 - 9/125 (OS2)	0.5 - 0.5 km
SC - SC/UPC	SC - SC/UPC	6 - 62.5/125 (OM1)	1.0 - 1.0 km
ST - ST/UPC	ST - ST/UPC	5 - 50/125 (OM2)	2.0 - 2.0 km
FCA - FC/APC	FCA - FC/APC	4 - 50/125 (OM3)	-
SCA - SC/APC	SCA - SC/APC	-	-
LC - LC/UPC	LC - LC/UPC	-	-

For Example : Single mode fiber, input FC/UPC, output SC/UPC, 1000 meters UF-FC-SC-9-1.0
Remark : Other special fiber or connectors are available upon request.



FEATURES

Fusion splicing is the act of joining two optical fibers end-to-end using heat. The goal is to fuse the two fibers together in such a way that optical signal passing through the fibers is not scattered or reflected back by the splice, and so that the splice and region surrounding it are almost as strong as the virgin fiber itself.

STANDARD PACKAGE

Machine	Quick Reference Guide
Fiber Auto Cleaver	Carrying Case with Carrying Strap
Fiber Stripper	Alcohol Bottle
FTTH Drop Fiber Stripper	Guiding Groove
AC Adaptor (Charger)	Car Charger
Battery	Cooling Tray
Spare Electrodes	Instruction CD



UF-2842A



UF-2841

Part Number	Description	Box Dimension L x W x H(cm)
UF-2842A	F.O. PROFESSIONAL FUSION SPLICER ADVANCE SET	53 x 32 x 30
UF-2841	Mini F.O. ADVANCE FUSION SPLICER	37 x 26 x 17

F.O. HANDHELD OTDR 100Km, (1310/1550 nm)

FEATURES

- Built-in VFL
- Built-in OPM (Optional)
- Automatic one-button testing
- Integrated PALM design, small, light, easy to carry
- High contrast color TFT LCD
- Input laser signal auto detection and self-protection
- Easy to operate for beginners and experts
- User-friendly OTDR simulation software shows details of events



UF-2872



UF-2874

Part Number	Description	Box Dimension L x W x H(mm)
UF-2872	F.O. HANDHELD OTDR, (1310/1550 nm): SC/UPC	197 x 107 x 67
UF-2872APC	F.O. HANDHELD OTDR, (1310/1550 nm): SC/APC for AIS Project	197 x 107 x 67
UF-2874	F.O. PROFESSIONAL OTDR, (1310/1550/1625 nm), Full Option	253 x 168 x 73.6
UF-2874QUAD	F.O. PROFESSIONAL OTDR, (850/1300/1310/1550 nm), Full Option	253 x 168 x 73.6

F.O. POWER METER & F.O. LIGHT SOURCE & PON METER

Power meters are part of most essential tools for all technicians installing or maintaining optical fiber networks. LINK power meters are well designed for all kinds of demanding applications on fiber measurement with different functions and parameters. With a rugged design, LINK power meters are built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluate fiber link transmission quality.

Laser Source is part of the toolbox essentials working in pair with optical power meters to measure the optical attenuation and eliminate the faults when telecom technicians install or maintain optical fiber networks.

LINK laser sources are well designed for first-class versatility - it offers stabilized laser signal, as well as various wavelengths. With a rugged design, LINK laser sources are built for top ruggedness and versatility, perfect for the harshest test conditions to verify the continuity and evaluate fiber link transmission quality.



UF-2891



UF-2893



UF-2894



UF-2890

Part Number	Description	Dimension L x W x H(mm)
UF-2891	F.O. PROFESSIONAL POWER METER w/PC CONNECTION & AC Adapter for FC, ST, SC	170 x 97 x 38
UF-2893	LIGHT SOURCE 850 / 1300 w/AC Adapter, Multimode	170 x 97 x 38
UF-2894	F.O. LIGHT SOURCE 1310 / 1490 / 1550 w/AC Adapter, Singlemode	170 x 97 x 38
UF-2890	PON POWER METER, w/Power Meter Fuction, (Color Display)	170 x 97 x 38

FTTH PROFESSIONAL TOOL W/POWER METER



STANDARD PACKAGE

1. Carrying bag
2. Power meter
3. Kevlar scissors, new style
4. F.O. visual fault locator
5. Manual pro cleaver
6. FTTH drop fiber stripper, new style
7. 3 hole fiber stripper, new style
8. F.O. Stripper and length bar
9. F.O. clean stick 2.5 mm.
10. Alcohol's bottles



Part Number	Description
UFH3020	FTTH PROFESSIONAL TOOL w/Power meter

FIBER OPTIC TOOL KIT

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 (1.0mm - GREEN COLOR) POLISH FILM
7. UF-2835 (5.0mm - 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 SCRIBE
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

CLEAVER AUTO / MANUAL, F.O. MICROSCOPE, F.O. VISUAL FAULT LOCATOR



UF-2844A



UF-2845



UF-2883

Part Number	Description	Battery
UF-2844	F.O. Auto Pro Cleaver	-
UF-2845	F.O. Manual Pro Cleaver	-
UF-2851	F.O. Microscope 400X w/ST, SC, FC & LC Adapter	2A x 3
UF-2883	F.O. Visual Fault Locator (Heavy Duty) > 10 mw for ST, SC, FC (7 Km.)	2A x 2
UF-2884	F.O. Visual Fault Locator (Heavy Duty) > 10 mw for LC (7 Km.)	2A x 2
UF-2885	F.O. Identifier	2A x 2



A



B



C



D

Part Number	Description	Figure
UF-2800	3 Hole Fiber Stripper, New Style	A
UF-2801	2 Hole Fiber Stripper, New Style	B
UF-2802	1 Hole Fiber Stripper, New Style	C
UF-2803	Fiber Stripper, 250-900 μm, Original	D



E



F



G



H

I

J

Part Number	Description	Figure
UF-2804	Kevlar Scissors, Original	E
UF-2805	Kevlar Scissors, New Style	F
UF-2806	ST, SC, FC, LC Crimping Tool, Original	G
UF-2810	Hand Polishing Dish for ST, Original	H
UF-2812	Hand Polishing Dish for SC, FC Original	I
UF-2813	Hand Polishing Dish for LC Original	J



K



L



M



N

Part Number	Description	Figure
UF-2814	Rubber Polish Working PAD, Original	K
UF-2816	Glass Polish Working PAD, Original	L
UF-2808	Carbide Scribe Tool	M
UF-2818	F.O. Buffer Tube Stripper, New Style	N



O



P



Q



R

Part Number	Description	Figure
UF-2820	FTTH Drop Fiber Stripper, New Style	O
UF-2821	Wipe Paper	P
UF-2822	Kimwipe Cleaning Wipe Paper (280 pcs/box)	Q
UF-2824	F.O. Connector Cleaner Cassette (500 Connectors)	R

FIBER OPTIC TOOL KIT



A, B



C, D



E



F



G

Part Number	Description	Figure
UF-2828-1	F.O. One Click Cleaner 1.25 mm (800 Connector)	A
UF-2828-2	F.O. One Click Cleaner 2.5 mm (800 Connector)	B
UF-2829-1	F.O. Clean Stick 1.25 mm (Cotton Bud, 25 pcs/pkg)	C
UF-2829-2	F.O. Clean Stick 2.5 mm (Cotton Bud, 25 pcs/pkg)	D
UF-2836	F.O. Clean Stick 2.5 mm (25 pcs/pkg)	E
UF-2823	Cleanser Liquid	F
UF-2825	Epoxy Syringe	G



H



I, J, K



L



M

Part Number	Description	Figure
UF-2826	A/B Fast Epoxy Glue	H
UF-2830	Hand Polishing Film 0.3 μm	I
UF-2831	Hand Polishing Film 1.0 μm	J
UF-2835	Hand Polishing Film 5.0 μm	K
UF-2875	F.O. Cable Slitter	L
UF-2877	F.O. Small Mid Span Slitter	M



N



O



P



Q



R, S

Part Number	Description	Figure
UF-2878	F.O. Big Cable Slitter	N
UF-2864	F.O. Mechanical Splicer	O
UF-2865	SC Bare Fiber Adapter	P
UF-2866	FC Bare Fiber Adapter	Q
UF-2881	F.O. Laser Inspect Pen @ 2.5 mm. for ST, SC, FC	R
UF-2882	F.O. Laser Inspect Pen @ 1.25 mm. for LC	S



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