





# 

TELEPHONE CABLE, MODULE, CONNECTOR, FACE PLATE, CABINET, TOOLS

## TELEPHONE





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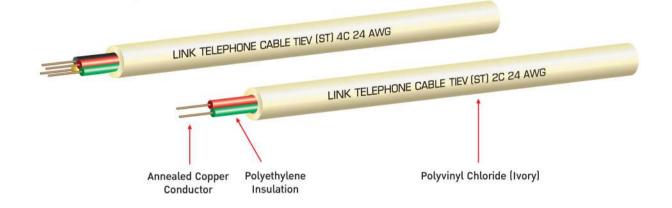
21

- TEST PLUG ASSEMBLY KIT 2 POLES and 4 POLES

### TIEVERHONE CABUE (Statton Wite 8 TIEV)



LINK Telephone Cable Station Wire (TIEV) is designed and manufactured for connecting subscriber equipment inside the building.



### **MECHANICAL SPECIFICATIONS**

Conductor 0.5 and 0.65 mm Solid Annealed Copper

Insulation High density polyethylene (HDPE)

Identification 2 core : Red and Green

4 core: Red, Green Yellow and Black

Sheath Ivory, Polyvinyl Chloride (PVC)



Easy Box

### **ELECTRICAL CHARACTERISTICS**

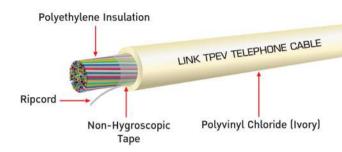
Test Item	Conductor diameter mm. (AWG)		
	0.50 (24)	0.65 (22)	
1. Max. Conductor Resistance@ temp $20^{\circ}$ C ( $\Omega$ / km)	92	58	
2. Min. Insulation Resistance@ temp $20^{\circ}$ C (M $\Omega$ - km)	16,000	16,000	
3. Dielectric Strength between Conductor, DC at 3sec (kV)	3.0	3.0	

LINK P/N	Number	Number Conductor diameter		Insulation Thickess	Sheath Thickness	Overall diameter	Packaging	
LINK P/N	of Cores	mm.	AWG	WG (mm.) (mm.)		(mm.)	(mm.)	
UL-1022	2	0.50	24	0.20	0.4	2.8	100M./ Easy Box	
UL-1024	4	0.50	24	0.20	0.4	3.4	100M./ Easy Box	
UL-1032	2	0.65	22	0.25	0.45	3.4	100M./ Easy Box	
UL-1034	4	0.65	22	0.25	0.45	4.0	100M./ Easy Box	



### TREV Telephone Gable

TPEV Telephone Cable designed to use for connecting subscriber equipment inside the building.



### MECHANICAL SPECIFICATIONS

0.5 and 0.65 mm Solid Annealed Copper Conductor

Insulation High density polyethylene (HDPE)

Pairs 2 Cores twisted Polyester Cord Rip Cord

Core covering Non - hygroscopic tape

**Outer Sheath** Ivory, Polyvinyl chloride (PVC)



Roll

### **ELECTRICAL CHARACTERISTICS**

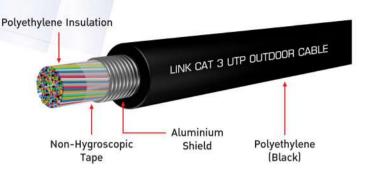
Test Item	Conductor diameter mm. (AW)		
	0.50 (24)	0.65 (22)	
1. Max. Conductor Resistance @ 20°C (Ω/km)	92.0	58.0	
2. Min.Insulation Resistance( $M\Omega$ - km)	16,000	16,000	
3. Mutual Capacitance @ 1000 Hz (nF / km)	0.07	0.07	
4. Dielectric Strength between Conductor, DC @3sec(kV)	3.0	3.6	

LINK D/N	LINK P/N		diameter	Insulation Thickess	Sheath Thickness	Overall diameter	Packaging
LINK F/N	of Cores	mm.	AWG	(mm.)	(mm.)	(mm.)	Tackaging
UL-1205	5	0.50	24	0.20	0.65	6.3	305M./Roll
UL-1210	10	0.50	24	0.20	0.80	8.3	305M./Roll
UL-1225	25	0.50	24	0.20	0.90	11.0	305M./Roll
UL-1250	50	0.50	24	0.20	1.20	16.0	305M./Roll
UL-1405	5	0.65	22	0.25	0.65	7.5	305M./Roll
UL-1410	10	0.65	22	0.25	0.80	9.3	305M./Roll
UL-1425	25	0.65	22	0.25	0.90	13.9	305M./Roll
UL-1450	50	0.65	22	0.25	1.20	19.1	305M./Roll

### CAT 3 Unp Outdoor Cable



CAT 3 UTP Outdoor Cable was designed to use for exchange area telephone distribution lines.





#### Roll

#### MECHANICAL SPECIFICATIONS

#### **CAT 3 UTP Outdoor**

Conductor Solid Annealed Bare Copper
Insulation High density polyethylene (HDPE)

Filling Compound -

Core Coverins Non-Hygroscopic tape

Shield Co-Polyester Coated Aluminium tape,

corrugated Aluminium thickness 0.2 mm

Outer Sheath Polythylene (PE), Black

### **CAT 3 UTP Jelly Outdoor**

Solid Annealed Bare Copper High density polyethylene (HDPE)

Water Blocking Gel
Non-Hygroscopic tape

Co-Polyester Coated Aluminium tape, corrugated Aluminium thickness 0.2 mm

Polythylene (PE), Black

#### **ELECTRICAL CHARACTERISTICS**

Test Items Conductor diameter mm. (AWG)

 Max. Conductor Resistance @ 20°  $\{\Omega/km\}$  90.2
 57.1

 Min. Insulation Resistance  $\{M\Omega/km\}$  16,000
 16,000

Mutual Capacitance @ 1000 Hz (nF/km) 52  $\pm$  2 (25 pairs and larger) 52  $\pm$  2 (25 pairs and larger)

52 ± 4 (Less than 25 pairs) 52 ± 4 (Less than 25 pairs)

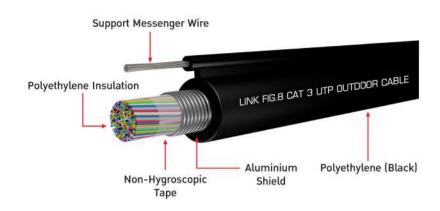
Dielectric Strength between Conductor (kV-dc) 3.0 3.6

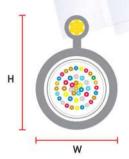
	LINK P/N	Number	Conductor	r diameter	Insulation Thickess	Sheath Thickness	Overall diameter	Packaging
	LINK F/N	of Pairs	mm.	AWG	(mm.)	(mm.)	rackaging	
	UL-2010	10	0.50	24	0.20	1.5	11.0	500M./Roll
	UL-2025	25	0.50	24	0.20	1.5	14.0	500M./Roll
	UL-2050	50	0.50	24	0.20	1.5	17.0	500M./Roll
	UL-2110	100	0.50	24	0.20	1.5	22.5	500M./Roll
CAT 3 UTP	UL-2210	10	0.65	22	0.25	1.5	12.5	500M./Roll
	UL-2225	25	0.65	22	0.25	1.5	16.0	500M./Roll
	UL-2250	50	0.65	22	0.25	1.5	20.5	500M./Roll
	UL-2310	100	0.65	22	0.25	1.5	27.0	500M./Roll
	UL-2801	10	0.65	22	0.25	1.5	12.5	1000M./Rol
CAT 3 UTP	UL-2802	25	0.65	22	0.25	1.5	16.0	1000M./Ro
Jelly	UL-2805	50	0.65	22	0.25	1.5	20.5	1000M./Ro
	UL-2810	100	0.65	22	0.25	1.5	27.0	1000M./Ro



### FIG. 3 UTP Outdoor Gable

FIG.8 AP Outdoor Telephone Cable designed to use for exchange area telephone distribution lines. It is designed, especially for aerial installation by using the support messenger wire.







#### MECHANICAL SPECIFICATIONS

Conductor Solid Annealed Bare Copper

Insulation High density polyethylene (HDPE)

Core Coverins Non-Hygroscopic tape Roll

Shield Co-Polyester Coated Aluminium tape, corrugated Aluminium thickness 0.2 mm

Outer Sheath Polythylene (PE), Black

Messenger Wire 7/2.03 mm extra high strength galvanized steel wire ; Breaking Strength 29,581 N

Web Width: 2.5 mm Nominal

Height: 3.0 mm Nominal

#### **ELECTRICAL CHARACTERISTICS**

Test Item Conductor diameter mm. (AWG)

0.50 (24) 0.65 (22) Max. Conductor Resistance @ 20°C (Ω/km) 92.0 58.0 Min.Insulation Resistance(MΩ - km) 16,000 16,000

Mutual Capacitance @ 1000 Hz (nF / km) 52  $\pm$  2 (25 pairs and larger) 52  $\pm$  2 (25 pairs and larger)

 $52 \pm 4$  (Less than 25 pairs)  $52 \pm 4$  (Less than 25 pairs)

Dielectric Strength between Conductor, DC @3sec(kV) 3.0 3.6

LINK D/N	LINK P/N		r diameter	Insulation Thickess	Sheath Thickness	Overall diar	neter (mm.)	Packaging
LINK F/N	of Pairs	mm.	AWG	(mm.)	(mm.)	w	Н	rackaying
UL-2410	10	0.50	24	0.20	1.5	11.0	23.0	500M./Roll
UL-2425	25	0.50	24	0.20	1.5	14.0	26.0	500M./Roll
UL-2450	50	0.50	24	0.20	1.5	17.0	29.0	500M./Roll
UL-2510	100	0.50	24	0.20	1.5	22.5	34.5	500M./Roll
UL-2610	10	0.65	22	0.25	1.5	12.5	24.5	500M./Roll
UL-2625	25	0.65	22	0.25	1.5	16.0	28.0	500M./Roll
UL-2650	50	0.65	22	0.25	1.5	20.5	32.5	500M./Roll
UL-2710	100	0.65	22	0.25	1.5	27.0	39.0	500M./Roll

### CAT 3 Unp ARMORED JELLY Outdoor Gable



CAT 3 UTP Armored Jelly Outdoor Cable was designed to use for exchange area telephone distribution lines, It was designed for underground installation (Direct Burial Cable, that was designed to be run in a trench underground).





### MECHANICAL SPECIFICATIONS

Conductor Solid Annealed Bare Copper

Insulation High density polyethylene (HDPE)

Filling Compound Water Blocking Gel

Shield Co-Polyester Coated Aluminium tape, corrugated Aluminium thickness 0.2 mm

Amored Corrugated Steel Tape, Coated with Polymer thickness 0.25 mm

Inner Sheath Polythylene (PE), Black
Outer Sheath Polythylene (PE), Black

#### **ELECTRICAL CHARACTERISTICS**

Test Items Conductor diameter mm. (AWG)

0.65 (22)

Max. Conductor Resistance @  $20^{\circ}$  ( $\Omega/\text{km}$ ) 57.1 Min. Insulation Resistance ( $M\Omega/\text{km}$ ) 16,000

Mutual Capacitance @ 1000 Hz (nF/km) 52  $\pm$  2 (25 pairs and larger)

52 ± 4 (Less than 25 pairs)

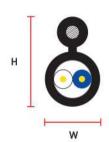
Dielectric Strength between Conductor (kV-dc) 3.6

LINK P/N	Number	Conductor di	diameter	Insulation Thickess	Sheath Thic	Sheath Thickness (mm.) Overall diam		Packaging	
LINK P/N	of Pairs	mm.	AWG	(mm.)	Inner	Outer	(mm.)	Packaging	
UL-2901	10	0.65	22	0.25	1.2	1.5	15.5	1000M./Roll	
UL-2902	25	0.65	22	0.25	1.2	1.5	19.5	1000M./Rol	
UL-2905	50	0.65	22	0.25	1.2	1.5	23.5	1000M./Rol	
UL-2910	100	0.65	22	0.25	1.2	1.5	30.5	1000M./Rol	



### Fig.8 Wir Diop who 1 patr

LINK FIG.8 UTP Drop Wire cable designed to use for outdoor connections between telephone distribution points and subscriber premises.





### MECHANICAL SPECIFICATIONS

Conductor Solid Annealed Copper

Insulation High density polyethylene (HDPE)

Identification 1 pair: white and blue Core Covering Non-Hygroscopic Tape Outer Sheath Polyethylene (PE)

1.2 mm, Extra High Strength Galvanized Steel Wire Messenger Wire

### **ELECTRICAL CHARACTERISTICS**

Test Item	Conductor diame	ter mm. (AWG)	
	0.50 (24)	0.65 (22)	
Max.Conductor DC Resistance ( $\Omega$ /km))	92	58	
Unbalance of Pair DC Resistance [%]	5	5	
Dielectric Strength between Pairs (kV/min)	1	1.5	
Min.Insulation Resistance (MΩ·km)	5000	5000	

### **ORDER INFORMATION**

LINK P/N	Number	Conductor	Conductor diameter Ins		Sheath Thickness	Overall diar	meter (mm.)	Packaging
LINK P/N	of Pairs	mm.	AWG	(mm.)	(mm.)	Н	W	rackaging
UL-1102	1	0.50	24	0.20	1	7.5	4.5	200M./Roll
UL-1112	1	0.65	22	0.25	1	8.0	5.0	200M./Roll

### TELEPHONE FLAT GABLE

LINK Telephone Flat Cable is designed for telephone handset cord or line cord.

#### MECHANICAL SPECIFICATIONS

Number of Cores: 4

Wire Gage Conductor : Stranded Bare Copper Insulation : Polyvinyl Chloride (PVC) Jacket

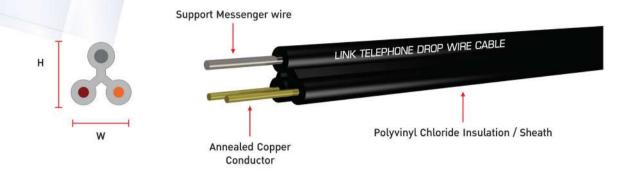


LINK P/N	AWG	Number of Cores	Conductor Strandings No./mm.	Insulation 0.D. mm.	Jacket 0.D. mm.	Packaging
UL-0044	28	4	7/0.12	0.95	2.5 x 5.0	100 M./Easy Box
UL-0054	28	4	7/0.16	1.05	2.5 x 5.0	100 M./Easy Box

### DROP WIRE CABLE



LINK Telephone Drop Wire Cable designed for distribution cable pair from cable terminal to telephone protector.



#### MECHANICAL SPECIFICATIONS

Conductor Solid Annealed Copper ,19AWG (0.91 mm)
Insulation/Sheath Polyvinyl Chloride (BLACK),UV-proof

Messenger Wire 1.2 mm ,Extra High Strength Galvanized Steel Wire

#### **ELECTRICAL CHARACTERISTICS**

Max.Conductor DC Resistance ( $\Omega$ /km)28.5Min.Insulation Resistance ( $M\Omega$ ·km)400Dielectric Strength between Pairs (kV/min)1.5

### ORDER INFORMATION

LINK P/N	Number	Conductor diameter		Insulation diameter	Overall diar	neter (mm.)	Packaging
LINK F/N	of Cores	mm.	AWG	(mm.)	H	w	rackaging
UL-0023	2	0.91	19	1.16	6.8	8.1	200M./Roll

### JUMPER WIRE CABLE

LINK Telephone Cable Jumper Wire is designed for connecting terminal equipment.

### **MECHANICAL SPECIFICATIONS**

Number of Pair : 1

Wire Gage : 24 AWG (0.5 mm.)

Conductor : Solid Bare Copper

Insulation : Polyvinyl Chloride (PVC)

Diameter : 1.1060.05 mm.





Easy Box

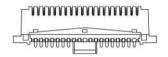
LINK P/N	Description	Packaging
UL-0002	JUMPER WIRE WHITE-RED 2 CORE	100 M./Easy Box



### TELEPHONE CONNECTION MODULE

Telephone Connection Modules are designed to the Terminal of MDF (Main Distribution Frame) TC (Telephone Cabinet), CCC (Cross-connection Cabinet) for mounting on BMF (Back Mount Frame) Function of the connection module on the opposite lying contacts the system side cable side wiring and the jumper side connections are made. In the center contact area is arranged, for each pair of wires, a parallel access contact for use with monitor cords for test and measurement, change over adapter for uninterrupted wiring changes of for the insertion of 3 point over voltage protection using GDT







#### **FEATURE**

- Support all Analog, Digital Signal.
- Easy to terminate and Quick mounting on back mount frames in cabinet on main distribution open frame or 19" rack system.
- IDC (Insulation Displacement Connection) connects wires without solder, screws or removing the insulation.
- Suitable for installing over voltage protection Magazine.
- Certify by TOT No. 51050 01013 (Technical Specification No. 0ES-002-001-02)



Housing Material PBT (Thermo-engineering plastic) UL94V-0 flammability self-extinguishing

Color

Size in mm. W122.5 x H31 x D21 (Approximate)

Contact Phosphor Bronze with  $\geq 5 \mu m$  silver-plated

Wire diameter in mm. 0.40 - 0.80 (26-20 AWG) and 0.70 - 1.60 overall insulation diameter

No. of reterminations ≥ 200 (≥1000 of patching cycles) Insulation Displacement 45° **Termination Type** 

 $\geq$  5 x 10  $^{\circ}$  M $\Omega$ Insulation resistance Contact resistance ≤10 MΩ

≥ 2 KVrms or 2 Kveff (50 Hz) Dielectric Strength

- 40° C to 80° C **Operating Temperature** 

No. of Equal diameter 2 Max

### ORDER INFORMATION

LINK P/N	Description
UL-4311	TELEPHONE CONNECTION MODULE 10 PAIR
UL-4331	TELEPHONE CONNECTION MODULE 10 PAIR with HINGED LABEL HOLDER

### HINGED LABEL HOLDER



LINK P/N	Description	LINK P/N	Description	
UL-4631	HINGED LABEL HOLDER	UL-4601	LABEL HOLDER	





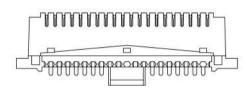
### TELEPHONE DISCONNECTION MODULE



Telephone Disconnection Modules are designed to the Terminal of MDF (Main Distribution Frame) TC (Telephone Cabinet), CCC (Cross-Connection Cabinet) for mounting on BMF (Back Mount Frame) Function of the Disconnection Module has advantages over the connection module inthat the connection between the wiring contacts can be broken This allows several attractive possibilities for instance, testing in two directions the insertion of functional elements such as attenuation plugs or the introduction of sophisticated 5 points protection elements. In its normal uninterrupted state the disconnection contact has the same facilities as the connection contact.









#### **FEATURE**

- Contact can be separated, as well as measuring and testing in either/both directions.
- Support all Analog, Digital Signal.
- Easy to terminate and Quick mounting on back mount frames in cabinet on main distribution open frame or 19" rack system.
- IDC (Insulation Displacement Connection) connects wires without solder, screws or removing the insulation.
- Suitable for installing over voltage protection and line protection unit.
- Cross Connection can be either patched or jumpered.
- Certify by TOT No. 51050 01013 (Technical Specification No. 0ES-002-001-02)

#### **TECHNICAL DATA**

Housing Material : PBT (Thermo-engineering plastic) UL94V-0 flammability self-extinguishing

Color : White

Size in mm. : W122.5 x H31 x D21 (Approximate)

Contact : Phosphor Bronze with  $\geq 5 \mu m$  silver-plated

Wire diameter in mm. : 0.40 - 0.80 (26-20 AWG) and 0.70 - 1.60 overall insulation diameter

No. of reterminations :  $\geq 200$  ( $\geq 1000$  of patching cycles) Termination Type : Insulation Displacement 45°

Insulation resistance :  $\geq 5 \times 10^4 \,\mathrm{M}\Omega$ Contact resistance :  $\leq 10 \,\mathrm{M}\Omega$ 

Dielectric Strength : ≥ 2 KVrms or 2 Kveff (50 Hz)

Operating Temperature : -40° C to 80° C

No. of Equal diameter : 2 Max

LINK P/N	Description	
UL-4321	TELEPHONE DISCONNECTION MODULE 10 PAIR	
UL-4332	TELEPHONE DISCONNECTION MODULE 10 PAIR with HINGED LABEL HOLDER	



### TELEPHONE MAGAZINE WITH ARRESTER

For arrester shape 3 pole, Can use with telephone connection module, disconnection module and drop wire module. Certify by TOT (Technical Specification No. 0ES-002-001-02)

### **SPECIFICATION**

Dimension (WxHxD): 112x22x43 mm.

3 poles arrester, 230V-5A/5 and 230V-10A/10KA with fail safe

- Accordance with ITU-T Rec. K.12
- Modems
- XDSL modems and peripherals
- Broadband / CATV / MATV
- Building Entry / Outside Plant
- Transient voltage surge suppression





3 poles ARRESTERS, 230V-5A/5KA with fail-safe put in magazine



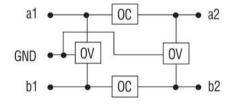
3 poles ARRESTERS, 230V-10A/10KA with fail-safe put in magazine

#### ORDER INFORMATION

LINK P/N	Description
UL-5411	TELEPHONE MAGAZINE 10 PAIR load with 230V ARRESTER
UL-5110	TELEPHONE MAGAZINE 10 PAIR EMPTY

### FIVE ELECTRODE PROTECTOR

5-point protection plug. 1 pair over voltage and over carrent protector to be applied with MDF terminating blocks interd to protect switching and transmision equipments, which installed in the exchange accessnode, building or equivalents, components designed for single pair protection provide a safe and reliable solution in module. All protection functions thus remain guaranteed at all times for both the communication equipment and maintenance personnel Certify by TOT (Technical Specification No. 0ES-002-036-02)





UL-5512

#### ORDER INFORMATION

LINK P/N	Description
UL-5512	FIVE ELECTRODE PROTECTOR



OPTION: UL-5716 EARTH BAR 10 PAIR, used with Five electrode protector

### RUM & US (HAND SEU) MODULAR PLUG



RJ11 Modular Plug was designed for telephone cable and telephone patch cord assembly. The mechanical's inner was easy performed to terminate by Crimp tool.

#### **SPECIFICATIONS**

Housing : Polycarbonate with LINK logo

Contact : 4/6 Contact with 50 microinches Gold Plating

over Nickel Plated and Phosphor Bronze

#### ORDER INFORMATION

LINK P/N	Description
UL-3004	HS (Hand Set) MODULAR PLUG
UL-3011	RJ11 MODULAR PLUG, 6P4C
UL-3012	RJ11 MODULAR PLUG, 6P6C

### INSTRUCTION















UL-3004

JL-3011

UL-301

### RUTAL MODULAR OUTLET

RJ11 Modular Plug was designed for telephone cable. The mechanical's inner are easy to install which two types by tool free designed and impact tool designed.

### **SPECIFICATIONS**

Contact : Phosphor with 50 Micro-inch Gold Plating

over nickel plate

Housing : UL94V-0 ABS IDC Holder Housing Material

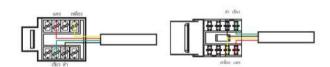
Glass-Fiber 15% PBT UL94V-0

Termination : 110 IDC , Tool free and Impact Tool

Durability : 750 Mating Cycle

100 Termination Cycle

#### INSTRUCTION







UL-3016

UL-3018

### **ORDER INFORMATION**

LINK P/N	Description
UL-3016	RJ11 TELEPHONE OUTLET, TOOL FREE
UL-3018	RJ11 TELEPHONE OUTLET, IMPACT TOOL

### POP - UP with RJ11 MODULAR JACK

Pop-Up was designed for raised floor, access floor, concrete floor, or your installation requirements. 1, 2 or 3 ports for optional with RJ11 Modular jack loading.

#### **SPECIFICATIONS**

Body : Galvanized Steel

Gasket : IP44

Square Box : Stainless 100 x 100 x 62.1 mm

with 1/2" & 3/4" Knockout (included)

Compatibility : RJ11 Modular Jack







UL-2011A

UL-2012A

UL-2013A

LINK P/N	Description	Dimension	
UL-2011A	RJ11 POP-UP STAINLESS 1 PORT OUTLET W/DAMPING	100 x 100 x 62.1 mm	
UL-2012A	RJ11 POP-UP STAINLESS 2 PORT OUTLET W/DAMPING	100 x 100 x 62.1 mm	
UL-2013A	RJ11 POP-UP STAINLESS 3 PORT OUTLET W/DAMPING	100 x 100 x 62.1 mm	



### FACE PLATE WITH ICON & ID LABEL

LINK Face Plate was designed for fitting with standard of electrical junction box, easy installation and checking for your cabling system with Icon Labeling System which comply to TIA/EIA-606 Standard. Face Plate can select for single or double ports, which is suitable for all modular jack, changer and blank panel. Also have write-on label with clear plastic cover

### **SPECIFICATION**

Material ABS, UL94V-0

Color Ivory & White with LINK logo

ID Label White Paper with clear plastic cover

Computer, Telephone, Blank Icon

Dimension L 114 x W 70 x H 7mm. (2" x 4" Standard)









LINK P/N	Description	Figure
US-2001A	FACE PLATE 1 PORT with ICON & LABEL ID, Ivory Color	Α
US-2002A	FACE PLATE 2 PORT with ICON & LABEL ID, lvory Color	В
US-2001AWH	FACE PLATE 1 PORT with ICON & LABEL ID, White Color	С
US-2002AWH	FACE PLATE 2 PORT with ICON & LABEL ID, White Color	D



### FACE PLATE with SHUTTER, ICON & ID LABEL

LINK Face Plate with Shutter are new designed to prevent dust and humidity, which are easy fitting standard of electrical junction box, easy installation and checking for your cabling system with ID Labeling System which comply to TIA/EIA-606 Standard. Face Plate can select for single, double or four ports. Also have write-on label with clear plastic cover which is suitable for all modular jack, changer and blank panel with shutter for dust protection.

#### SPECIFICATION

Material ABS, UL94V-0

Color White with LINK logo

ID Label White Paper with clear plastic cover

Icon Computer, Telephone, Blank

Dimension L 114 x W 70 x H 7mm. (2" x 4" Standard)





В

LINK P/N	Description	Figure
US-2121A	FACE PLATE 1 PORT with SHUTTER, ICON & ID LABEL	А
US-2122A	FACE PLATE 2 PORT with SHUTTER, ICON & ID LABEL	В

### SHINY WHITE FACE PLATE

LINK shiny white face plate was designed for easy installation, which are fitting standard 2x4" box and comply to TIA/EIA-606 Standard. There is similar color with electrical face plate, also fit with all types of standard jack, multimedia insertion.

#### SPECIFICATION

Material ABS, UL94V-0 Color Shiny White

Dimension L 114 x W 70 x H 5.5 mm



E

LINK P/N	Description	Figure
US-2311	SHINY FACE PLATE, 1 PORT, WHITE	А
US-2312	SHINY FACE PLATE, 2 PORT, WHITE	В
US-2313	SHINY FACE PLATE, 3 PORT, WHITE	С
US-2314	SHINY FACE PLATE, 4 PORT, WHITE	D
US-2316	SHINY FACE PLATE, 6 PORT, WHITE	E

### FACE PLATE CHANGER



LINK Face Plate Changer was designed to change for RJ45 JACK, which are suitable for all types of Electrical Face Plate.

### **SPECIFICATION**

Material

ABS, UL94V-0

Color Same as original face plate.



LINK P/N	Description	Color	Figure	Package
US-2005	CHANGER For Full Colour Panasonic Face Plate	Panasonic, Full Color	A	10 Pcs/Bag
US-2006	CHANGER For Wide Series Panasonic Face Plate	Panasonic, Wide	В	10 Pcs/Bag
US-2107	CHANGER For Magic Bticino Face Plate	Bticino Magic	С	10 Pcs/Bag
US-2108	CHANGER For Matix Bticino Face Plate	Bticino Matix	D	10 Pcs/Bag
US-2109	CHANGER For New Clipsal Face Plate	Clipsal	E	1 Pcs/Bag
US-2001	BLANK Insert Face Plale	White	F	10 Pcs/Bag

### WALL BOX

LINK Wall Box was designed for fitting standard of electrical junction box, easy installation. Suitable for all types of LINK standard Face Plate.

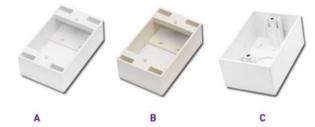
#### SPECIFICATION

Material ABS, UL94V-0

Housing Color Ivory & White with LINK logo L 114 x W 70 x D 40 mm. (US-2015) Dimension

L 114 x W 70 x D 47 mm. (US-2016)

Accessory inclued two screws and nylon anchor



LINK P/N	Description	Dimension (mm.)	Color	Figure
US-2015WH	WALL BOX 2" x 4", White	L 114 x W 70 x D 38	White	А
US-2015	WALL BOX 2" x 4", Original	L 114 x W 70 x D 38	Ivory	В
US-2016	WALL BOX 2" x 4", Deep	L 114 x W 70 x D 47	White	С

### SURFACE MOUNTE BOX

LINK Surface Mount Box with Shutter was designed for installation on the floor, on the wall or your requirement, that can select for 1 port or 2 ports and suitable with LINK modular jack only.

#### SPECIFICATION



Material ABS, UL94V-0 **Housing Color** White with blue logo

ID. Label White Paper with clear plastic cover

Icon (Only Shutter) Computer, Telephone, Blank

Application Support all LINK RJ45 jack & RJ11 Jack



LINK P/N	Description	Dimension (mm.)	Figure
US-2118	SURFACE MOUNT BOX 1 PORT, With SHUTTER	L 65 x W 37 x H 30	Α
US-2119	SURFACE MOUNT BOX 2 PORT, With SHUTTER	L 65 x W 70 x H 30	В
US-2401	SURFACE MOUNT BOX 1 PORT	L 50 x W 30 x H 30	С
US-2402	SURFACE MOUNT BOX 2 PORT	L 50 x W 50 x H 30	D
US-2406	SURFACE MOUNT BOX 6 PORT	L 120 x W 170 x H 38	E

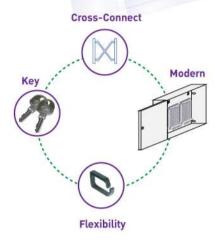


### CROSS-CONNECT CABINET

LINK Cross-Connect Cabinet was designed for optimal benefits of linkage in the communication system, maintenance and adjustment in order to eliminate limitations of the communication system.







### **FEATURE**

- Fully CCC (Cross Connection Cabinet) which designed for all MDF, TC, IDC, etc.
- Flexible to BMF installation (after the cabinet is installed) with built-in bolts affixed on the cabinet wall.
- Cabinet's inner area is spacious with the snap-in cable management ring system, Easy and tidy wiring installation.
- Bridge is available in the cabinet for handy management.
- All cabinets will supply the key locking system to prevent from unauthorized linkage within the cabinet.

### MATERIAL

- Made from Electro-galvanized steel 1.2mm thickness (1.5mm thickness optional).
- Surface finishing by Electrostatic powder coating (Epoxy paint).

### COLOUR

- Shiny light blue.

LINK P/N	Size	Tel. Capacity (pair)	No. of Module	Computer Capacity (port)	BMF used (option)	Dimension WxHxD (cm.)
UL-6103	3	30	3	1 x 3	1 x 3 pos.	22 x 24 x 11
UL-6203	6	60	6	2 x 6	2 x 3 pos.	35 x 24 x 11
UL-6206	12	120	12	2 x 12	2 x 6 pos.	35 x 32 x 11
UL-6210	20	200	20	2 x 20	2 x 10 pos.	38 x 41 x 11
UL-6212	24	240	24	2 x 24	2 x 12 pos.	38 x 45 x 11
UL-6216	32	320	32	2 x 32	2 x 16 pos.	43 x 54 x 11
UL-6412	48	480	48	2 x 48	4 x 12 pos.	73 x 45 x 11
UL-6416	64	640	64	2 x 64	4 x 16 pos.	73 x 54 x 11
UL-6812	96	960	96	2 x 96	8 x 12 pos.	73 x 72 x 11

### INDOOR STEEL GABINET (Wall Mount)



Wall mount steel cabinet was designed by German standard for telephone system cabinet. Therefore, the cabinet are especially durable, extensive and premium quality for installation. Also have wire guideline for cable and wire management. All cabinets will supply the key locking system and provide grounding terminal.



#### Indoor/Wall mount

#### Inside

### **MATERIAL**

- Made from Electro-galvanized steel 1.2mm thickness (1.6mm thickness optional).
- Surface finishing by Electrostatic powder coating (Epoxy paint).

### COLOUR

- Gray

LINK P/N	Tel. Capacity (pair)	BMF used (option)	Dimension WxHxD (cm.)
UL-6030	30	1 x 3 pos	20 x 20 x 11
UL-6060	30 - 60	1 x 3 pos or 1 x 6 pos	22 x 24 x 11
UL-6061	50 - 60	1 x 6 pos	25 x 30 x 13
UL-6111	100 - 110	1 x 11 pos	25 x 40 x 13
UL-6112	200 - 220	2 x 11 pos	45 x 42 x 13
UL-6113	300 - 330	3 x 11 pos	65 x 42 x 13
UL-6222	400 - 440	2 x 22 pos	45 x 70 x 15
UL-6223	600 - 660	3 x 22 pos	65 x 70 x 15
UL-6224	800 - 880	4 x 22 pos	85 x 70 x 15
UL-6271	250 - 270	1 x 27 pos	30 x 85 x 15
UL-6272	500 - 540	2 x 27 pos	50 x 85 x 15
UL-6273	750 - 810	3 x 27 pos	70 x 85 x 15
UL-6274	1000 - 1080	4 x 27 pos	90 x 85 x 15
UL-6332	600 - 660	2 x 33 pos	60 x 105 x 15
UL-6333	900 - 990	3 x 33 pos	85 x 105 x 15
UL-6334	1200 - 1320	4 x 33 pos	110 x 105 x 15
UL-6335	1500 - 1650	5 x 33 pos	135 x 105 x 15



### INDOOR STEEL CABINET (Floor Mount)

Floor mount steel cabinet was designed by German standard for telephone system cabinet. Therefore, the cabinet are especially durable, extensive and premium quality for installation. Which made from Electro-galvanized steel 1.5mm thickness, horn-shaped swing handle. All cabinets will supply the key locking system and shutter, grounding wire connecting with the door.



### MATERIAL

- Made from Electro-galvanized steel 1.5mm thickness (1.6mm thickness optional).
- Surface finishing by Electrostatic powder coating (Epoxy paint).

#### COLOUR

- Gray

### ORDER INFORMATION

LINK P/N	Tel. Capacity (pair)	BMF used (option)	Dimension WxHxD (cm.)
UL-6552	1000 - 1100	2 x 55 pos.*	70 x 190 x 40
UL-6553	1500 - 1650	3 x 55 pos.*	94 x 190 x 40
UL-6554	2000 - 2200	4 x 55 pos.*	118 x 190 x 40
UL-6555	2500 - 2750	5 x 55 pos.*	142 x 190 x 40
UL-6556	3000 - 3300	6 x 55 pos.*	166 x 190 x 40
UL-6557	3500 - 3850	7 x 55 pos.*	190 x 190 x 40
UL-6558	4000 - 4400	8 x 55 pos.*	214 x 190 x 40
UL-6559	4500 - 4950	9 x 55 pos.*	238 x 190 x 40
UL-65510	5000 - 5500	10 x 55 pos.*	262 x 190 x 40

#### Remark \*Recommend Install with UL-8555 and UL-8556

UL-8555 Back Mount Frame Set 55 Pos. UL-8556 Jumper Wire Bar for 55 Pos.

### OUTDOOR STEEL CABINET (Wall Mount)



Outdoor Steel Cabinet was made from Electro-galvanized steel 1.5mm thickness and designed for outdoor installation which is 100% UV-resistance painting for UV protection. The structure was designed for waterproof (IP55 Standard) with closing system and roof to fast draining. There are hook at the top of cabinet for mounting. The cabinet can be wiring from the rear-side, also have water-protection, dust-protection rubber ring, horn-shaped swing handle with key locking system and shutter. All cabinets size have grounding which connect between frame and front door.



Outdoor/Wall mount



Inside

#### ORDER INFORMATION

LINK P/N	Tel. Capacity (pair)	BMF used (option)	Dimension WxHxD (cm.)
UL-7061	50 - 60	1 x 6 pos.	25 x 33 x 15
UL-7111	100 - 110	1 x 11 pos.	25 x 45 x 15
UL-7112	200 - 220	2 x 11 pos.	45 x 45 x 15
UL-7113	300 - 330	3 x 11 pos.	65 x 45 x 15
UL-7222	400 - 440	2 x 22 pos.	45 x 73 x 15
UL-7272	500 - 540	2 x 27 pos.	50 x 88 x 15
UL-7223	600 - 660	3 x 22 pos.	65 x 73 x 15

### MAIN DISTRIBUTION OPEN FRAME

Main Distribution Open Frame was designed by German engineer under the German Standard for telephone system. The Main Distribution Frame are especially durable, extensive and premium quality for usability. Frame was made from Electro-galvanized steel 1.5mm thickness. The open frame was designed for saving space, easy installation and maintenance.

### ORDER INFORMATION

LINK P/N	Type/Description	Tel. Capacity (pair)	Dimension WxHxD (cm.)
UL-7371S	Main Distribution Frame Single	700 - 770	28.5 x 204 x 15.1
UL-7372S	Main Distribution Frame Double	1400 - 1540	56.5 x 204 x 15.1

#### Remark:

- Back mount frame 33 and 44 pos. are recommend to install on each frame.

LINK P/N	Type/Description	Tel. Capacity (pair)	Dimension WxHxD (cm.)
UL-7377	Main Distribution Frame Single, Profile Rod	700 - 770	28.5 x 204 x 15.1
UL-7378	Main Distribution Frame Double, Profile Rod	1400 - 1540	56.5 x 204 x 15.1

Single Frame

**Double Frame** 



### PLASTIC INDOOR BOX

### TC BOX (Telephone Cabinet Box)

LINK Plastic TC Box was designed for indoor installation in the building that was made from FR-PVC (UL94V-0) and equipped with key locking system. The cabinet can be wiring to both of upper and bottom side, also have dust-protection rubber ring with key and BMF.





### ORDER INFORMATION

LINK P/N	Tel. Capacity (pair)	Dimension WxHxD (cm.)
UL-7601	30	17 x 18.0 x 8
UL-7602	50	17 x 18.0 x 8
UL-7603	100	21 x 27.5 x 11
UL-7604	200	42 x 32.0 x 12

### **DISTRIBUTION BOX**

LINK Distribution Box was designed for indoor installation in the building that was made from FR-PVC (UL94V-0). The cabinet was supporting with 4-directions wiring, And there are locking system which using by coin key or screwdriver including with BMF.





LINK P/N	Tel. Capacity (pair)	Dimension WxHxD (cm.)
UL-7501	30 (Size 1)	14.0 x 17.0 x 7.5
UL-7502	50 (Size 2)	21.5 x 21.5 x 7.5
UL-7503	100 (Size 3)	21.5 x 32.0 x 7.5

### PLASTIC OUTDOOR BOX



### OUTDOOR BOX

LINK Outdoor Box was special designed that made from high resistance plastic. Suitable for outdoor installation which under the roof. The cabinet can be wiring at the bottom-side with cable gland. The front panel was designed to open from the bottom with rubber sealing band for water protection, and also have key locking system. BMF was included with cabinet. (Support IP45 Standard and UV protection)





#### ORDER INFORMATION

LINK P/N	Pair	Dimension WxHxD (cm.)
UL-7703	30	13.5 x 21.5 x 9
UL-7705	50	19.5 x 22.5 x 9
UL-7710	100	19.0 x 38.0 x 11

### FULLY WATERTIGHT OUTDOOR BOX

LINK Fully Watertight Outdoor Box was special designed for outdoor installation, that made from high resistance plastic, UV-resistance, chemicals-resistance, etc. The cabinet can be wiring at the bottom-side with water-protection rubber fixed-ring. The front panel was designed to open from the bottom with rubber sealing band for water protection. The key locking system was fixed at the bottom side to prevent the water. BMF was included with the cabinet. (Support IP45 Standard and UV protection)



LINK P/N	Pair	Dimension WxHxD (cm.)
UL-7713	30	16.5 x 24 x 10
UL-7719	100	19.0 x 38 x 11

### BACK MOUNT FRAME (BMF)

### TC BOX (Telephone Cabinet Box)

Back Mount Frame (BMF) was designed by U-shape with 0-Ring for cable entry and wiring that was made from stainless steel with high corrosion resistant steel, also have edge protection-stripe to prevent the injury from installation. There is grounding connection for over-voltage protection.

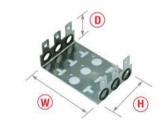


### MATERIAL

- Stainless steel 1.0 mm. thickness

LINK P/N	Depth of Base	Dimension W x H x D (mm.)	Position
UL-8201	22 mm.	103 x 20.0 x 43	1
UL-8202		103 x 42.5 x 43	2
UL-8203		103 x 65.0 x 43	3
UL-8206		103 x 132.5 x 43	6
UL-8210		103 x 222.5 x 43	10
UL-8211		103 x 245.0 x 43	11
UL-8212		103 x 267.5 x 43	12
UL-8216		103 x 357.5 x 43	16

22	m	m



LINK P/N	Depth of Base	Dimension W x H x D (mm.)	Position
UL-8411	40 mm.	103 x 245.0 x 61	11
UL-8422		103 x 492.5 x 61	22
UL-8427		103 x 605.0 x 61	27
UL-8433		103 x 740.0 x 61	33
UL-8444		103 x 987.5 x 61	44
UL-8455		103 x 1235.0 x 61	55



UL-8715	19" BMF 15 Way Recessed for Rack-mount, 3U, 150 Pairs
	19"Rack Mountable 3U height.
	Support 15 set telephone module.
	Jumper cable routing.



### RUIT & RUIT GRIMP TOOL



RJ45 Crimp Tool, there are 2 types both of 4-6 position (RJ11&RJ12) and 8 position (RJ45) Modular plug. It is able to terminate all of modular plugs. The body was made by steel with PE grip, including ratchet mechanism for easy to use. Deluxe, light-weight, compact and durability.

#### SPECIFICATION

Frame : Steel with PE grips
Die Set : Both 2 Type (RJ11&RJ45)
Cutting : Cutting Tool Include



TL-1101R

#### ORDER INFORMATION

LINK P/N	Description	
TL-1101R	RJ45, RJ11, 4 Pos Hand Set Professional Crimp Tool	
TL-1103R	RJ45, RJ11, 4 Pos Hand Set Crimp Tool	

### INSERTION TOOL with SENSOR

LINK Insertion Tool with Sensor for LINK Termination and IDC KRONE termination, Special accessory for wire management and wire pulling.

#### ORDER INFORMATION

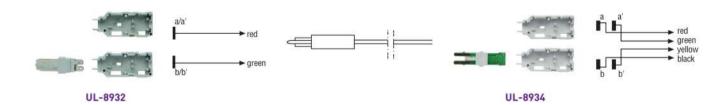
LINK P/N	Description	Dimension
UL-8802	INSERTION TOOL with SERSOR	176 x 37 x 21 mm



TL-1103R

### TEST PLUG ASSEMBLY KIT 2 Poles and 4 Poles

2 Poles with connection contacts and solderable, 4 Poles with Disconnection contacts and solderable.



LINK P/N	Description		and
UL-8902	2-Pole Test cord 2/2, Plug to Alligator clip		
UL-8904	4-Pole Test cord 2/4, Plug to Alligator clip		
UL-8932	2-Pole Plug Assembly Kit		
UL-8934	4-Pole Plug Assembly Kit	UL-8902	UL-8904





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