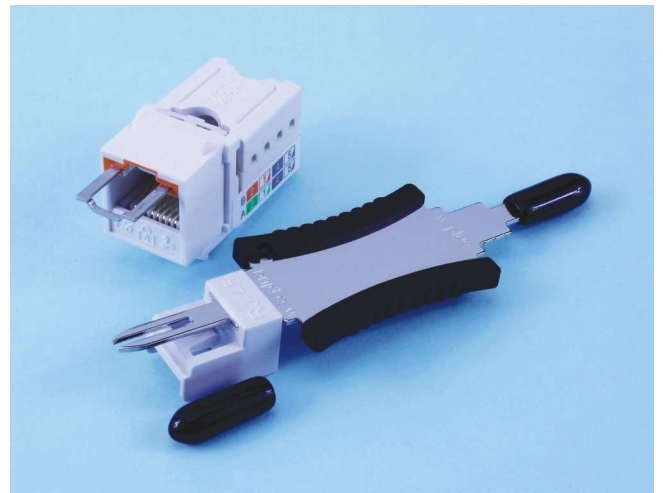


Locking & Security

RJ-45 / 12 Jack



Dear valued customers,

Lock jack is a brand new product, many famous companies like: Siemon, Panduit, AMP, R&M, Legrand ... now have put locking products on their priority developing products list.

It is very difficult to install locking facilities on RJ45 socket side, due to room available is very small and IEC-603 standard dimensions regulation are very strictly, so others just add an extra component on RJ45 connector! During the past two years we have overcome a lot of difficulties to finalize locking function on RJ45 & RJ12 socket, our **lock jack** can accept universal RJ45 & RJ12 patch cords.

The applications:

- * **Security:** For Hotels, airports, military equipments, outdoor monitors, banks, schools, hospitals ...
- * **Stable data transmission:** Banks, transportation equipments, shaken machines, airplanes, trains ...

We, EPN, own this technology and got patents in many countries. If you get this product it means you also get the exclusive business in your country. Our **lock jack** have been showed in some international exhibitions, the customers were excited by it and placed orders to us already! Please pay attention on this brand new products, it will bring big benefits to you.

PS: You can key in "RJ45 Lock" or "RJ45 Secure" on internet to find more images & video informations on these products!

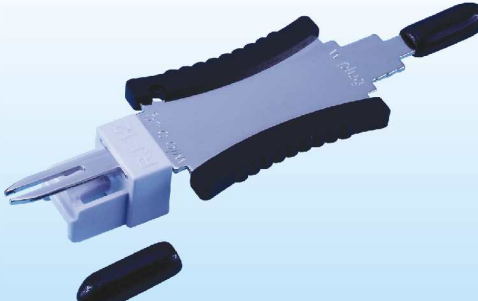
Yours faithfully
EPNEW ELECTRONICS CO., LTD.



Frank Huang
General Manager

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Lock Jack

Slim Type Lock Keystone Jack



X KTVMK - X X X
X KTVNK - X X X

CAT. X	TYPE	IDC CAP	COLOR
E : C5e 6 : C6	U : Unshielded S : Half shielded F : Fully shielded	0 : w / o 1 : w / h	BK : Black I V : Ivory RD : Red GN : Green WH : White BL : Blue OR : Orange YL : Yellow GY : Gray MT : Metal TIN : Tin

XKTVMK-XXX : 110 IDC Block
XKTVNK-XXX : Krone IDC Block

EX : EKTVMK-U1WH : Cat.5e UTP Keystone Jack , Vertical Narrow Type , 110 Block Locking Function with cap , White



X KTVNKL - U 1 X

CAT. X	COLOR
E : C5e 6 : C6	BK : Black I V : Ivory RD : Red GN : Green WH : White BL : Blue OR : Orange YL : Yellow GY : Gray MT : Metal TIN : Tin

XKTVNKL-U1X : Toolless IDC Block

EX : EKTVNKL-U1WH : Cat.5e UTP Keystone Jack , Vertical Narrow Type , Locking Function Toolless , White

Slim Type Lock Keystone Jack



3KTVMK - U X X 666

3KTVNK - U X X 666

IDC CAP	COLOR	
0 : w / o	BK : Black	BL : Blue
1 : w / h	IV : Ivory	OR : Orange
	RD : Red	YL : Yellow
	GN : Green	GY : Gray
	WH : White	

3KTVMK-UXX666 : 110 IDC Block

3KTVNK-UXX666 : Krone IDC Block

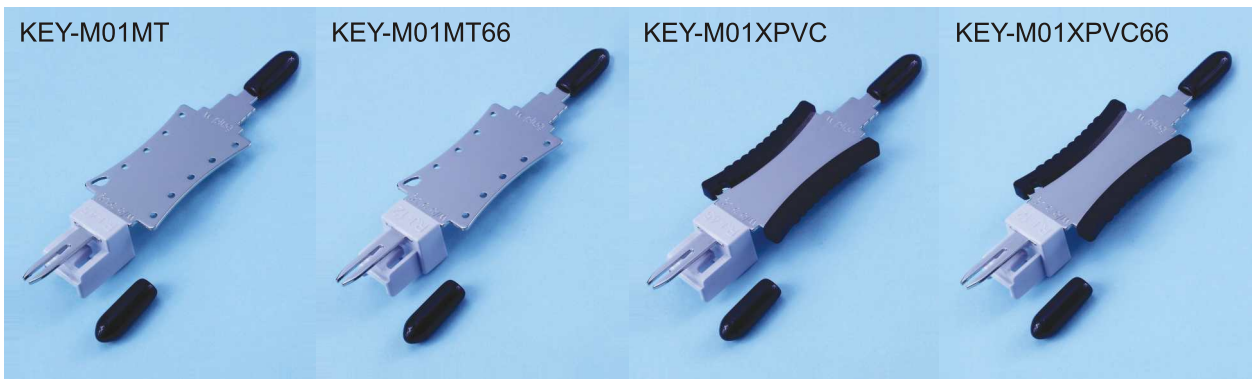


3KTVNKL - U 1 X 666

COLOR	
BK : Black	BL : Blue
IV : Ivory	OR : Orange
RD : Red	YL : Yellow
GN : Green	GY : Gray
WH : White	

3KTVNKL-U1X666 : Tooless IDC Block

KEY



KEY-M01MT : Metallic Key For RJ-45

KEY-M01MT66 : Metallic Key For RJ-12

KEY-M01XPVC : Metallic Key For RJ-45 with PVC Molding

KEY-M01XPVC66 : Metallic Key For RJ-12 with PVC Molding

COLOR
BK : Black
WH : White

Spec

LOCKING FUNCTION KEYSTONE JACK

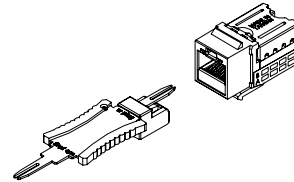
Certification : 

Trade Mark : 

Locking Mark : 

Patent : Patented in Many Countries

100% MADE IN TAIWAN



Performance :

Accepts 22-26 AWG. Solid Wire

Meets C3 / C5e / C6 ANSI EIA / TIA 568B & ISO / IEC 11801 & EN50173 Standard

Application : Security & Signal Transmission Stable (Prevent Plug Drop Out)

Hotel / Bank / School / Out Door Monitor / Airport / Military Equipment / Shaken Machine
Cloud Computing / DATA Center / Transportation Vehicle / Airplane / Satellite /
Telephone Control Room / Hospital

Punch Down Tool :

M Type IDC : For 110 Standard Punch Down Tool Only

Dual Type IDC : For Krone & 110 Standard Punch Down Tool

Tooless Type IDC : Tooless & Suits Krone & 110 Standard Punch Down Tool also

Installation :

For Faceplate / Snap / Patch Panel

Specification :

Materials :

Body : Fireproof ABS UL-94V0

Jack : 8P8C 50 micro inches gold plated

PCB : FR-4 / UL-94V0

IDC Cap : Fireproof ABS UL-94V0

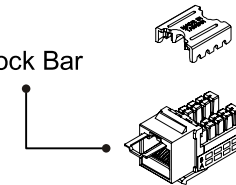
IDC Body : Fireproof ABS UL-94V0

IDC Pin : Bronze & Tinned

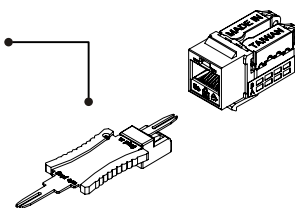
Lock Bar : Metal (SPCC)

Key : Metal (SPCC) & PVC Molding

Lock Bar



Key



Electrical Specifications:

Insulation Resistance : 500M ohms (min.)

Contact Resistance : 20m ohms (max.)

Current Rating : 1.5 Amps .

DC Resistance : 0.1 ohms (max.)

Withstanding Voltage : 1000 VAC RMS @ 60Hz / 1 min.

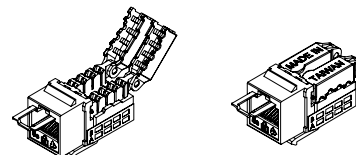
Mechanical Specifications:

IDC Punch Down Cycle : Over 500 Cycles (min.)

IDC Wire Tension : 1.5-2 kgs

Jack Insertion Cycle : Over 30K Cycles (min.)

Lock Bar Tension : 15 kgs (min.)

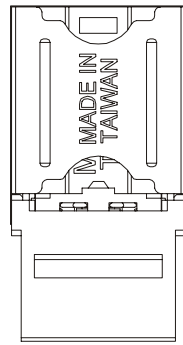
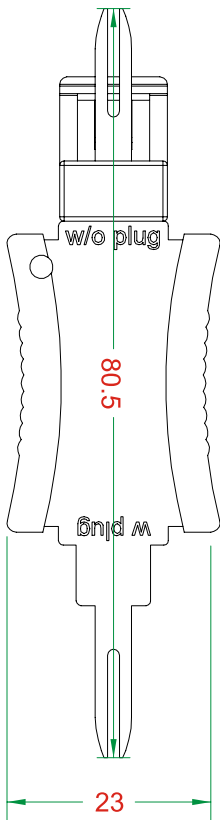


Operation Temperature : -40°C ~ +70°C

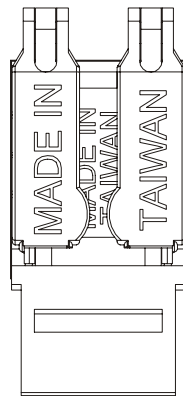
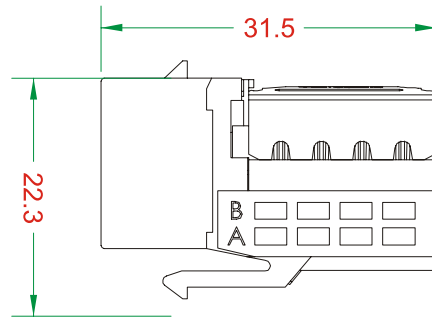
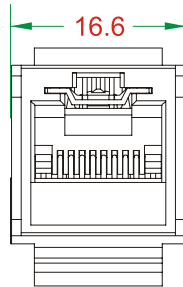
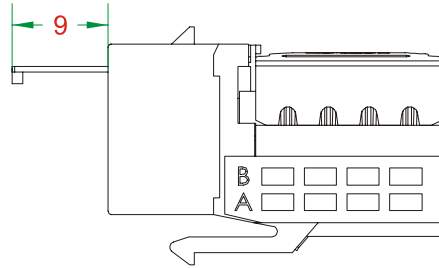
Spec

LOCKING FUNCTION KEYSTONE JACK

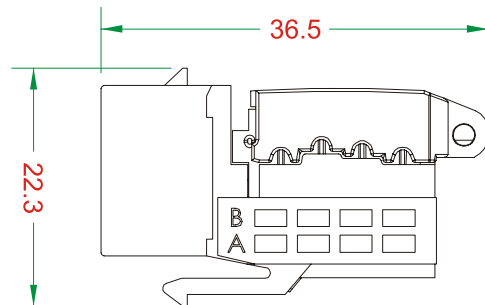
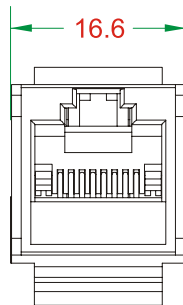
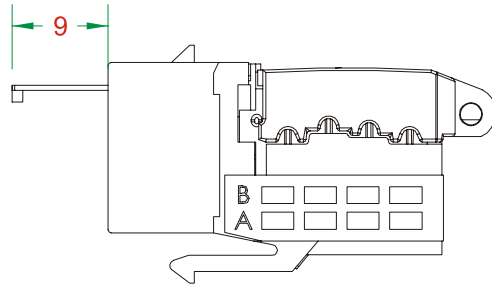
Unit : mm



(Punch Down Type)



(Toolless Type)



Application



Leisure Center



Airport & Airplane



Hotel



Hospital



School



Government



Office



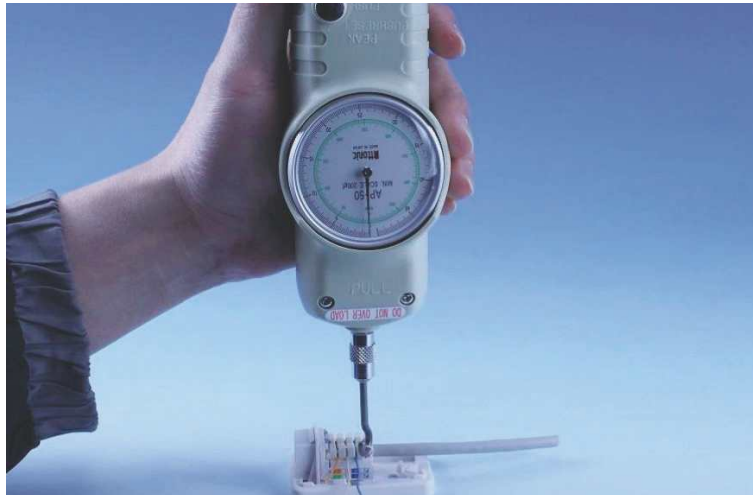
Military Dept.



Shopping Center

Testing

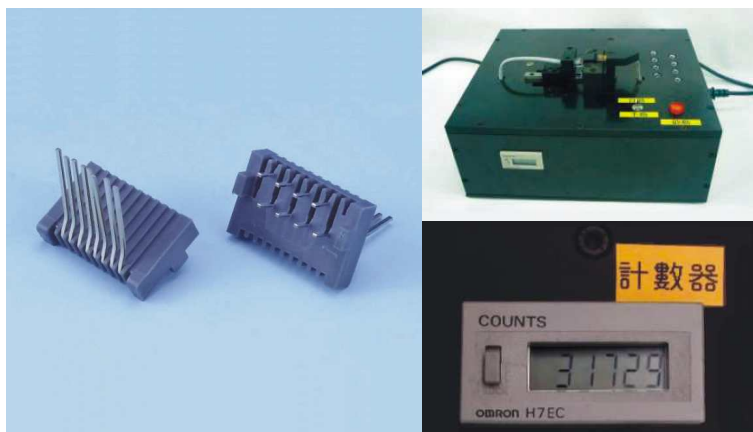
IDC Tension Testing (1.5-2kgs)



Lock Bar Tension Testing (15kgs)

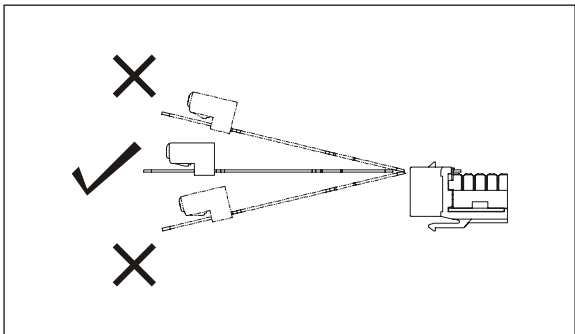
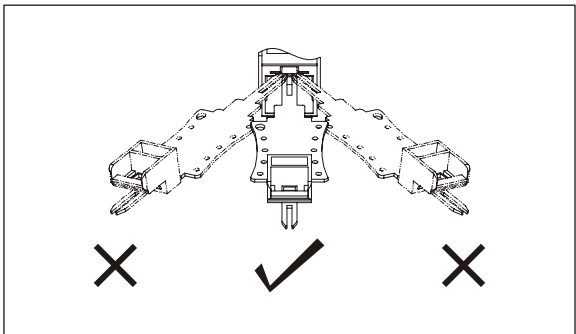
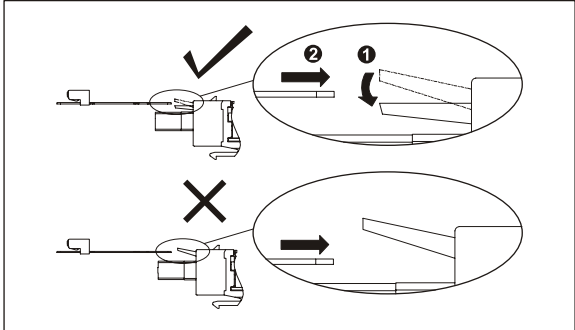
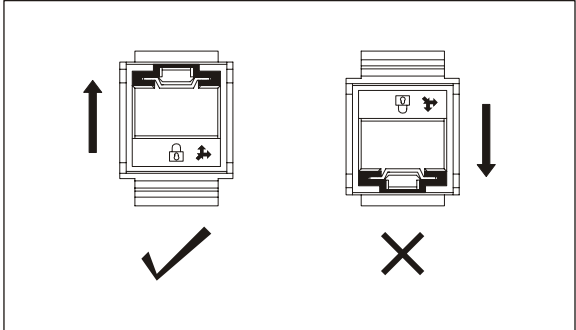


Jack Lifetime (31729 Times)

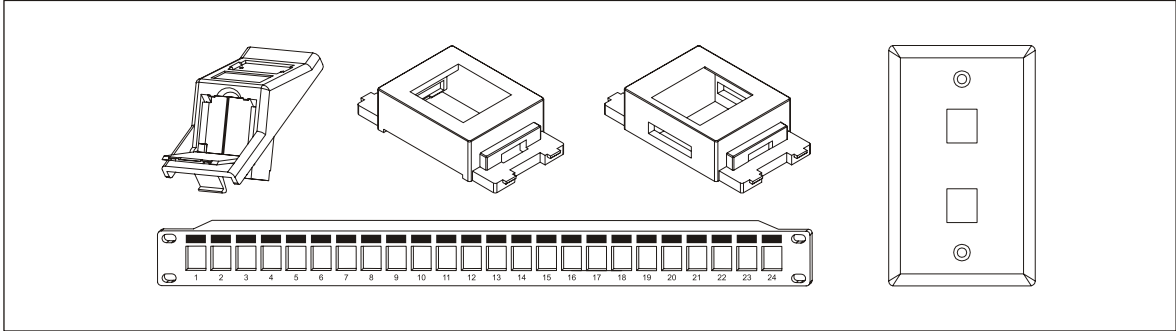


Caution

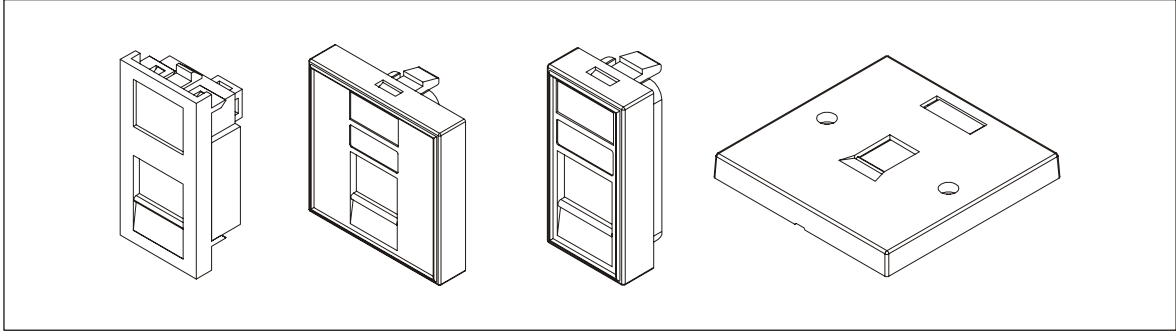
Caution !



Suitable



Not Suitable

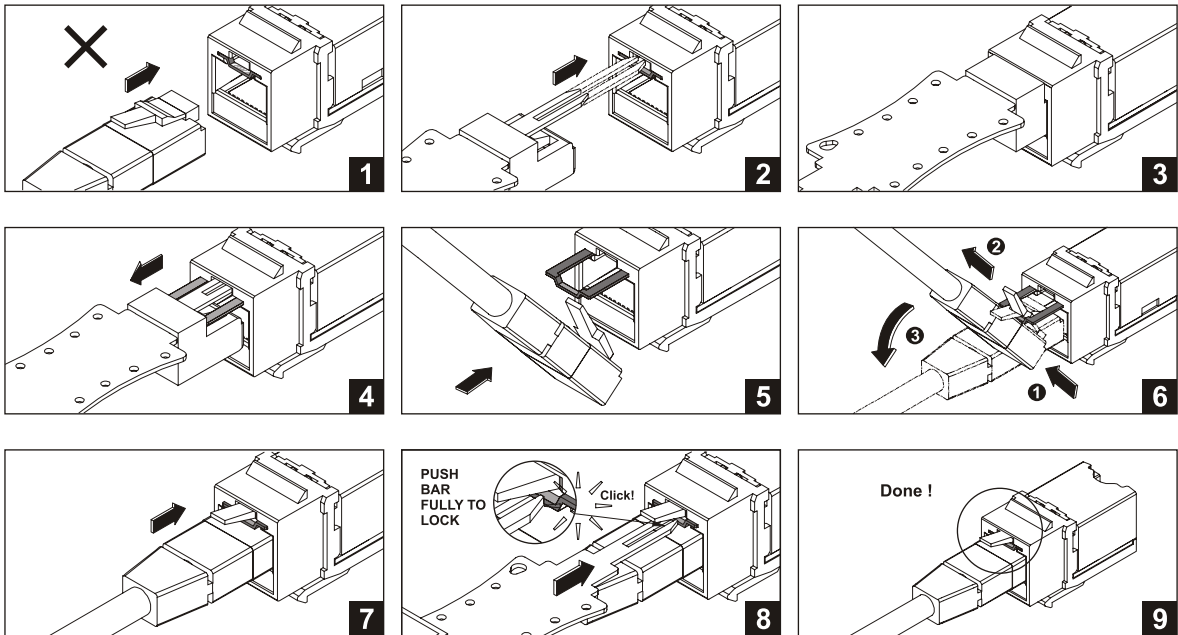


Instruction Manual

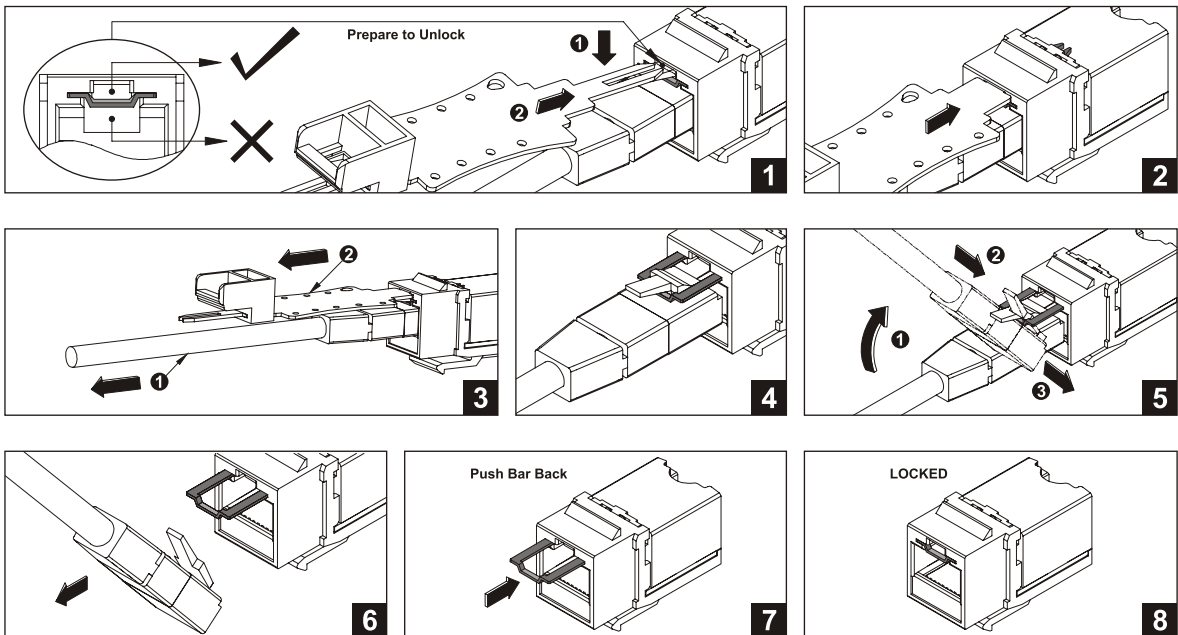


Instruction Manual

Insert the plug



Pull out the plug



Comparison

Suppliers	EPN	SM	PD	AP	LG	R	LV
For RJ45 Security	V	V	V	V	V	V	V
For RJ12 / RJ11 Security	V	X	X	X	X	X	X
Socket Side Security	V	Special Cover & Key (Easy to Loss)	Special Cover & Key (Easy to Loss)	Special Lock & Key (Easy to Loss)	Special Lock & Key (Easy to Loss)	Special Connector & Key (Easy to Loss)	X
Connector Side Security	Standard Patch Cord	Special Patch Cord & Key	Special Patch Cord & Key	X	Special Patch Cord & Key	Special Patch Cord & Key	Special Patch Cord & Key
Socket & Connector Security Both	One pc. key	One pc. key	Two pcs. key	X	Two pcs. key	Two pcs. key	X
If key lost	Can be unlocked by special way	No way unlock or buy a new key	No way unlock or buy a new key	No way unlock or buy a new key	No way unlock or buy a new key	No way unlock or buy a new key	No way unlock or buy a new key
Space Saving	V	V	X	X	X	X	X
Cost Saving	V	X	X	X	X	X	X