

## CAT6A Jack to Jack Keystone 90° Shielded - TIA

Cat 6A Component Level 90 degree Shielded Tool-less Keystone Jack is designed to easily snap in and out of the wall outlet, patch panel and surface mount box. It is individually terminated using Insulation Displacement Connectors (IDC) with parallel plier for quick installation. STP Cat6A keystone jack comes with T568A/T568B color label and fully complies with connecting hardware transmission performance of edition 2.2 of ISO/IEC 11801, CENELEC 50173-1, and ANSI-TIA-568.2-D for Return loss, Insertion loss, NEXT loss, FEXT loss, TCL, TCTL, PSANEXT loss, and PSAFEXT loss up to 500MHz. The unique structure provides an efficient and effective method of reducing alien crosstalk from neighboring connectors.

### Shielded TIA Keystone



### Features

- Toolless Design: Do not need punch down tool.
- Can be easily and quickly assembled product
- Increases the efficiency of FTP installation.

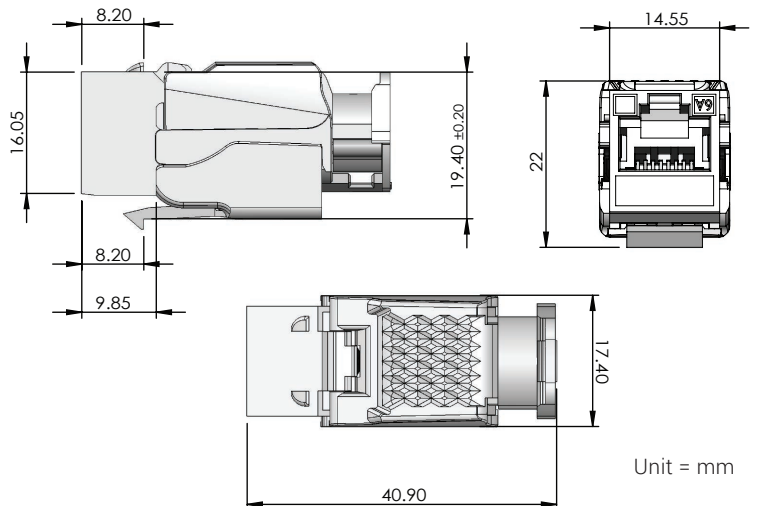
### Ordering Codes

Product Code	Product Description	Web Code
KJ-RJ45F-RJ45F-C6A-FS-90-TIA	90° TIA-6A Shielded Keystone jack, Tool-less, Component-Rated Performance, POE+ Compliant	YT01645

### Packaging



### Dimensions



Unit = mm

## Specifications

### Technical Information

Transmission Performance	TIA-568.2-D Cat 6A Connecting Hardware Certified
FCC & IEC Compliance	Meets FCC part 68-F & IEC 60603-7
PoE Compliance	Supports Power over Ethernet PoE+ 802.3at and PoE++ 802.3bt
Ethernet Standard	IEEE 802.3an 10GBase-T 10Gbit/s Ethernet over Twisted Pair
EU Directive 2002/95/EC	RoHS Compliant
Safety Listing	UL Listed

### Materials Specifications

Jack Housing	Zinc Alloy, Nickel Plated
Spring Wire	Phosphor Bronze
Spring Wire Plating	50u" Gold at Contact Area Nickel Undercoat
IDC Terminal	Phosphor Bronze
IDC Terminal Plating	Ni/Sn
IDC Housing	ABS UL94V-0
Top Cover + Rear Cover	Zinc Alloy, Nickel Plated
PCB	FR-4

### Environmental Specifications

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Humidity	10% to 90%RH

### Cable & Tool Compatibility

Cable O.D.	5mm to 9.9mm
Insulation Diameter	0.8mm to 1.47mm
Conductor Gauge	23AWG Solid to 26AWG Stranded

### Mechanical Specifications

Keystone Latching Force	>180N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<30N
Plug Withdraw Force	<30N
IDC Re-Termination	>20x
Cable Retention Force	>70N

### Electrical Specifications

Contact Resistance	<20mΩ
DC Resistance	<200mΩ
Shield Resistance	<100mΩ
Resistance Unbalance	<50mΩ
Insulation Resistance	>500MΩ
Dielectric Strength	>1000VDC
Current Rating	1.5A @ 20°C