

## Keystone Jack, Unshielded, Cat6A, Black- FKS6AUBL



### DESCRIPTION

FABNET Cat 6A keystone Jacks for 22 to 26-gauge stranded and solid cables meet the international standard ISO/IEC 11801 and the ANSI/TIA-568.2-D requirements. Each Keystone Jack has a compact casing that will fit into any standard-sized faceplate, blank patch panels, surface boxes and outlet boxes. Category 6A Unshielded 90/180 Degree RJ45 110 Punch Down and toolless ethernet Keystone Jack is suitable for 22 gauge to 26 gauge stranded and solid wires

### APPLICATIONS

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (IEEE 802.3)
- POE Type 1 to 4 applications.
- Telecommunications/Voice applications
- Easily snap in and out of patch panel, and surface boxes or other application.

### SPECIFICATIONS & FEATURES

- Compliant with ANSI/TIA 568.2-D, ISO/IEC 11801 Class EA
- Universal color-coding according to T568A and T568B
- Suitable for all types of Universal Keystone patch panels, face plates, floor box adapters, etc.
- Dual color-coding allows for 568 A/B wiring configuration
- 50-micron gold-plated contacts
- RJ-11 & RJ-12 compatible
- IEEE /TIA Standard interface provides a seamless plug and play connection to RJ45 Patch cords.
- Tool-less type, easy installation.
- ETL verified and RoHS Compliant.

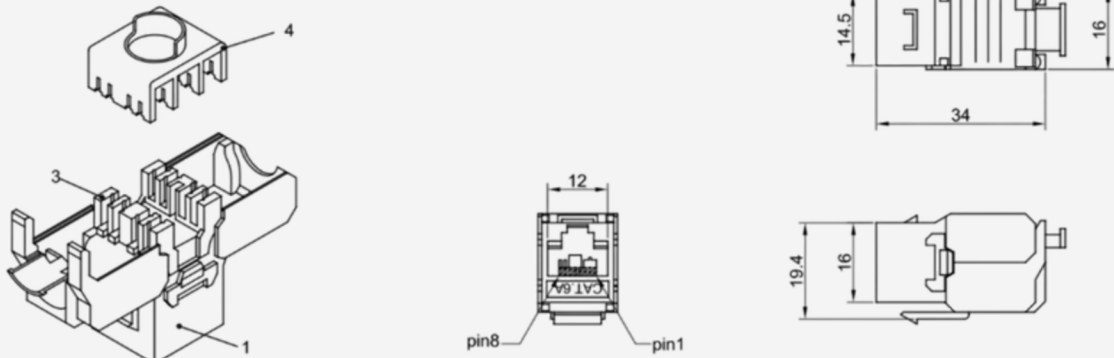
### PHYSICAL & ENVIRONMENTAL PROPERTIES

<b>Compatible Gauge solid</b>	22-24 AWG	<b>Category</b>	Category 6A Unshielded
<b>Termination Contact Plating</b>	Gold	<b>Thickness</b>	50Micro-inch
<b>Body color</b>	Black,White,Red,Blue,Yellow, Green,Customized	<b>Body Material</b>	Housing: ABS, UL94- V0
<b>Contact Plating Material</b>	Gold plated on contact area	<b>Cable outer diameter</b>	5.0 to 8.0mm
<b>Storage Temperature</b>	- 40°C To 70°C	<b>Operating Temperature</b>	-40 to +66C

## ELECTRICAL & MECHANICAL PROPERTIES

Termination Punch downs,minimum	20 Times
Plug insertion Life	1000 cycles min
Contact Force	99.2g (3.5oz) FCC Plug
Plug Retention Force	30lb (133n/13.3Kg)
Insulation Resistance	>= 500 MΩ
Dielectric Withstand Volt	100VAC RMS 60Hz
Contact Resistance	<= 20 mΩ
Current Rating	1.5A
Voltage Proof, contact-to-contact	1000Vdc, for 60s

## TECHNICAL DRAWING



**Material:**

1. RJ45 Jack:
  - 1-1. Housing: PC
  - 1-2. RJ45 Bracket Set: PBT+Glass Fiber UL 94V-0.
2. RJ45 Jack Contact
  - 2-1. Material: Phosphor Bronze with Nickel plated.
  - 2-2. Finish: 3-50 micro-inch Gold plated on Plug contact area.
3. IDC:
  - 3-1. Housing: PC+Glass Fiber, UL 94V-2.
  - 3-2. Terminal: Phosphor Brone with min.50 micro-inch Tin plated.
4. IDC CAP: ABS, UL 94-HB.
5. PCB: FR4, UL 94V-0

## ORDERING INFORMATION

FKS6AUBL-S	Keystone Jack, Unshielded, Cat6A, Black, 180°
FKS6AUBL-A	Keystone Jack, Unshielded, Cat6A, Black, 90°