

Keystone Jack, Unshielded, Cat6, Black- FKS6UBL



DESCRIPTION

FABNET Cat 6 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 6 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)
- 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 E
- 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.

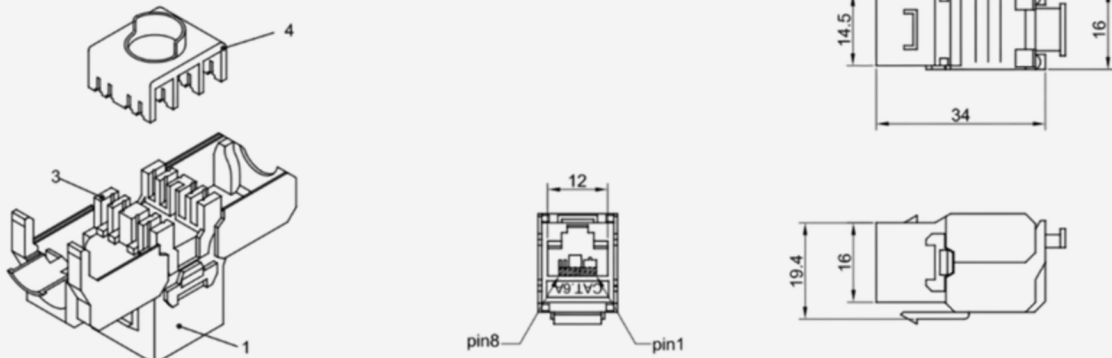
PHYSICAL & ENVIRONMENTAL PROPERTIES

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

ELECTRICAL & MECHANICAL PROPERTIES

Termination Punch downs,minimum	20 Times
Plug insertion Life	750 times plug in
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

FKS6UBL-S	Keystone Jack, Unshielded, Cat6, Black, 180°
FKS6UBL-A	Keystone Jack, Unshielded, Cat6, Black, 90°