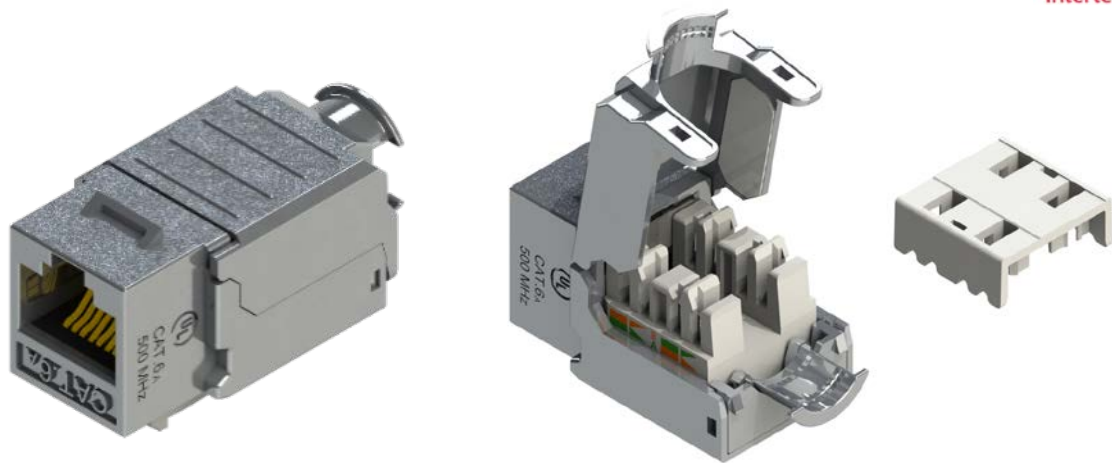


Technical Data Sheet

90 ° STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile, ETL verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance for Edge Data Center
- ETL verified ANSI/TIA-568.2-D Connecting-Hardware performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT (PoH) applications up to 100 watts
- UL 1863 verified

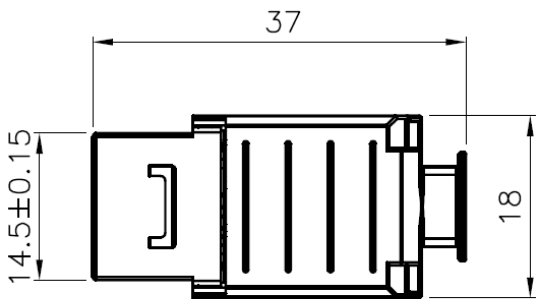
Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D / E / EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS / REACH compliant

Part Number	Descriptions
AADAF 02113 03015	KJ32F-CE-FS 90 ° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile
AADAF 02114 03015	KJ32F-C6-FS 90 ° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile
AADAF 02115 03015	KJ32F-6A-FS 90 ° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile

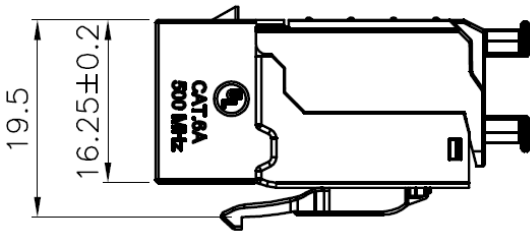
Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500pcs / carton)
- Net weight 10.5 kgs per carton
- Gross weight 13.4 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM



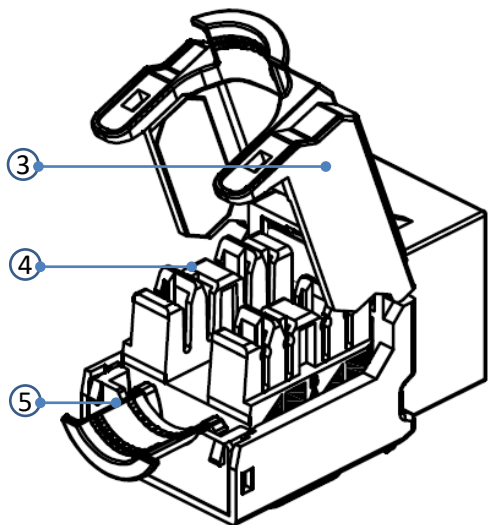
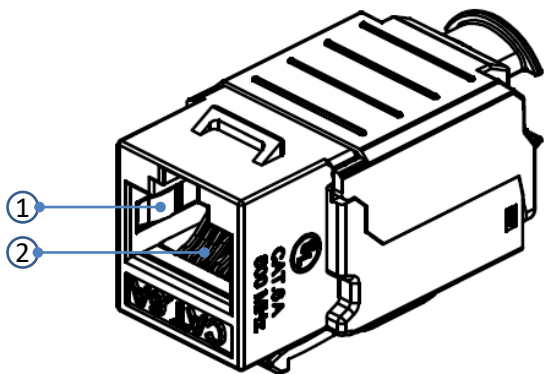
Dimensions

Unit: mm
Tolerance: ±0.3mm



Technical Data Sheet

90 ° STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile, ETL verified



Material Specifications

Parts

- 1. Grounding contacts
- 2. RJ45 jack
 - 2-1. Housing
 - 2-2. Contacts bracket
 - 2-3. Contacts material
 - 2-4. Contacts gold plating
- 3. Cap
- 4. IDCs
 - 4-1. Housing
 - 4-2. Terminals
- 5. Grounding block
- 6. IDC-Cap
- 7. PCB

Specifications

Stainless steel

Zinc Die-Casting with nickel plating

PBT with glass fiber, UL94V-0

Phosphor bronze with nickel plating

50 micro-inch gold plating on surface of plug contact area

Zinc Die-Casting with nickel plating

Polycarbonate, UL94V-2, gray color

Phosphor bronze with tin plating

Zinc Die-Casting with nickel plating

Polycarbonate, UL94V-2, white color

FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating / Un-mating force $\leq 30N$
- Retention strength 7.7kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-24AWG
- Cable OD range 5.0mm to 8.5mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature $0^{\circ}C$ to $50^{\circ}C$ ($32^{\circ}F$ to $122^{\circ}F$)
- Storage temperature $-40^{\circ}C$ to $70^{\circ}C$ ($-40^{\circ}F$ to $158^{\circ}F$)
- Operating temperature $-10^{\circ}C$ to $60^{\circ}C$ ($14^{\circ}F$ to $140^{\circ}F$)
- Humidity 10% to 90%RH

Electrical Characteristics

- Contact resistance $\leq 20\ m\Omega$, from initial
- Insulation resistance $\geq 500\ M\Omega$ at 100 Vd.c., for 60sec.
- Voltage proof contact to contact 1000 Vd.c., contact to shield 1500Vd.c., for 60sec.
- Current carrying capacity 1.0A at $60^{\circ}C$ ($140^{\circ}F$)
- UL voltage rating 150V
- PoE 60Vd.c., IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 watts

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22

