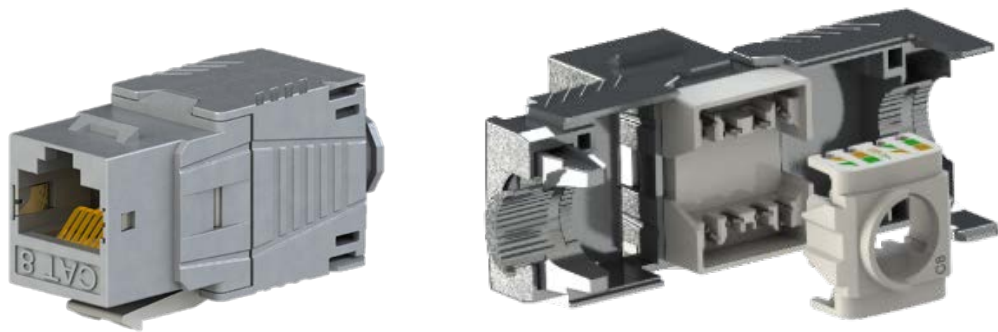


Technical Data Sheet

180° STP Keystone Jack, Tool-Free, GHMT Verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- GHMT verified the ISO/IEC 11801-1 Class I 2000MHz for Cat.8 version
- The 4PPoE performance tested by GHMT
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 60603-7-1
- IEC 60512-99-002
- EN 50173-1
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS / REACH compliant

Part Number

AADBG 02117 00015

Descriptions

KJ58F-C8-FS

180° Cat.8 STP Keystone Jack, Tool-Free, 22-24AWG

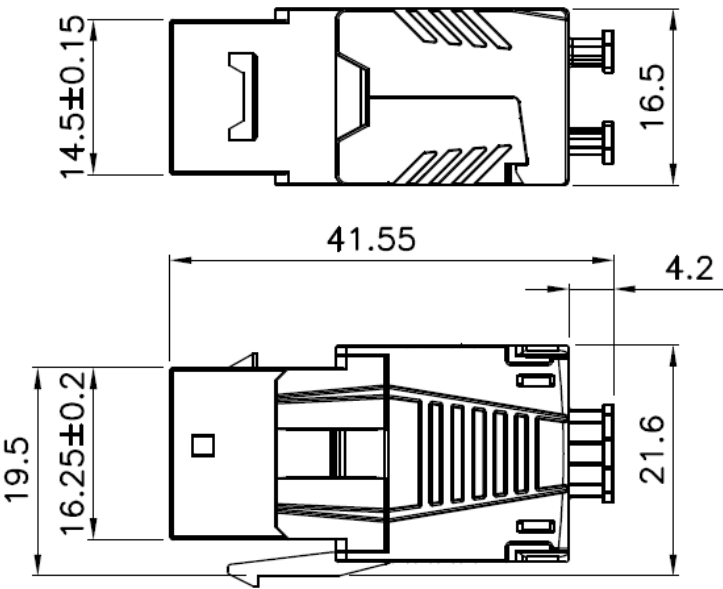
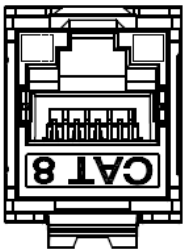
Packing Information

- 1 keystone jack, 1 IDC-Cap, 1 copper foil sticker & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs / carton)
- Net weight 15.7 kgs per carton
- Gross weight 16.7 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions

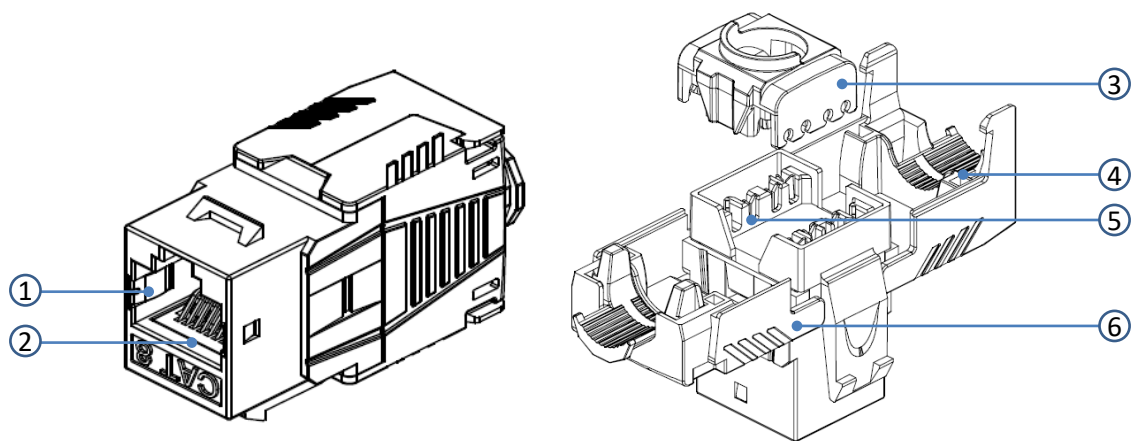
Unit: mm

Tolerance: $\pm 0.3\text{mm}$



Technical Data Sheet

180 ° STP Keystone Jack, Tool-Free, GHMT 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. Wire management cap (IDC-Cap)
- 4. Grounding block
- 5. IDCs
 - 5-1. Housing
 - 5-2. Terminals
- 6. Caps
- 7. PCB

Specifications

- Stainless steel
- Zinc Die-Casting with nickel plating
- Polycarbonate, UL94V-2, transparent color
- Phosphor bronze with nickel plating
- 50 micro-inch gold plating on surface of plug contact area
- Polycarbonate, UL94V-2, white color
- Zinc Die-Casting with nickel plating
- Polycarbonate, UL94V-2, white color
- Phosphor bronze with tin plating
- Zinc Die-Casting with nickel plating
- UL94V-0

Mechanical Characteristics

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

Installation Information

- Wire conductor range Solid and stranded, 22-24 AWG
- Cable OD range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

- Contact resistance ≤ 20 m Ω , from initial
- Insulation resistance ≥ 500 M Ω at 100 Vdc, for 60 s
- Voltage proof contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
- Current carrying capacity 1.0 A at 60°C (140°F)
- UL voltage rating 150 V
- PoE 60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Mounting Dimensions

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

