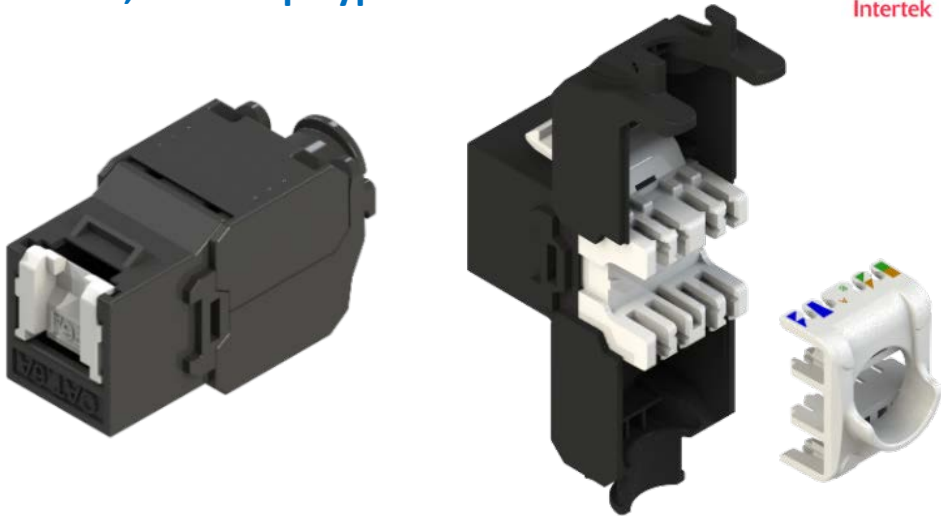


Technical Data Sheet

180° UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- EC verified ANSI/TIA-568.2-D Connecting-Hardware, including the 4PPoE performance
- High headroom on ANSI/TIA 568.2-D Cat.6A and ISO/IEC11801-1 Class EA 4-conductor Channel including the Cat.6A Alien Cross Talk performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT (PoH) applications up to 100 watts
- UL 1863 verified
- IP20 performance by Dust-Cap design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D / E / EA
- IEC 60603-7
- 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

AADBH 01113 040XX	KJ88F-CE-US/XX-D	180° Cat.5E UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type
AADBH 01114 040XX	KJ88F-C6-US/XX-D	180° Cat.6 UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type
AADBH 01116 040XX	KJ88F-6A-US/XX-D	180° Cat.6A UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type

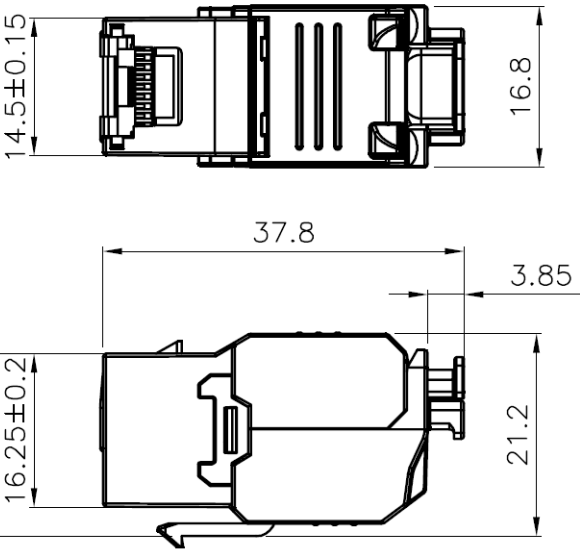
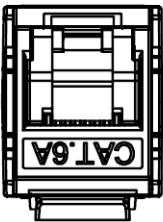
XX = Housing color, 01=Black, 02=Gray(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

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 3.9 kgs per carton
- Gross weight 6.6 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

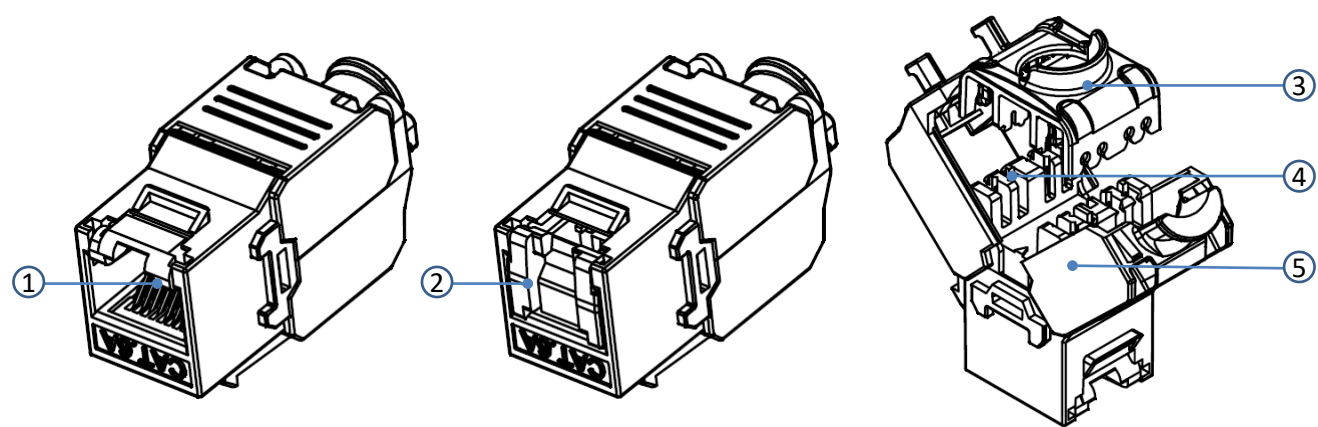
Dimensions

Unit: mm
Tolerance: ±0.3mm



Technical Data Sheet

180 ° UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type



Material Specifications

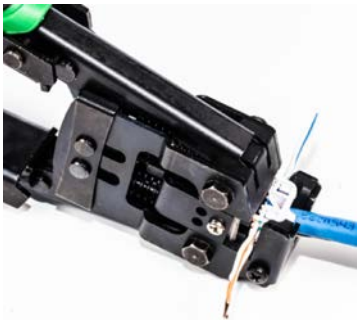
Parts

- 1. RJ45 jack
 - 1-1. Housing
 - 1-2. Contacts bracket
 - 1-3. Contacts material
 - 1-4. Contacts gold plating
- 2. Dust-Cap
- 3. Wire management cap(IDC-Cap)
- 4. IDCs
 - 4-1. Housing
 - 4-2. Terminals
- 5. Caps
- 6. PCB

Specifications

- ABS/PC, UL94V-0, optional color
- Polycarbonate, UL94V-2, transparent color
- Phosphor bronze with nickel plating
- 50 micro-inch gold plating on surface of plug contact area
- ABS/PC, UL94V-0, white color
- Polycarbonate, UL94V-2, white color
- Polycarbonate, UL94V-2, gray color
- Phosphor bronze with tin plating
- ABS/PC, UL94V-0, black color
- FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating / Un-mating force $\leq 20\text{N}$
- Retention strength 7.7kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26AWG
- Cable OD range 5.0mm to 8.5mm
- 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 $\leq 20\text{ m}\Omega$, from initial
- Insulation resistance $\geq 500\text{ M}\Omega$ at 100 Vd.c., for 60sec.
- Voltage proof contact to contact 1000 Vd.c., for 60sec.
- Current carrying capacity 1.0A at 60°C (140°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

