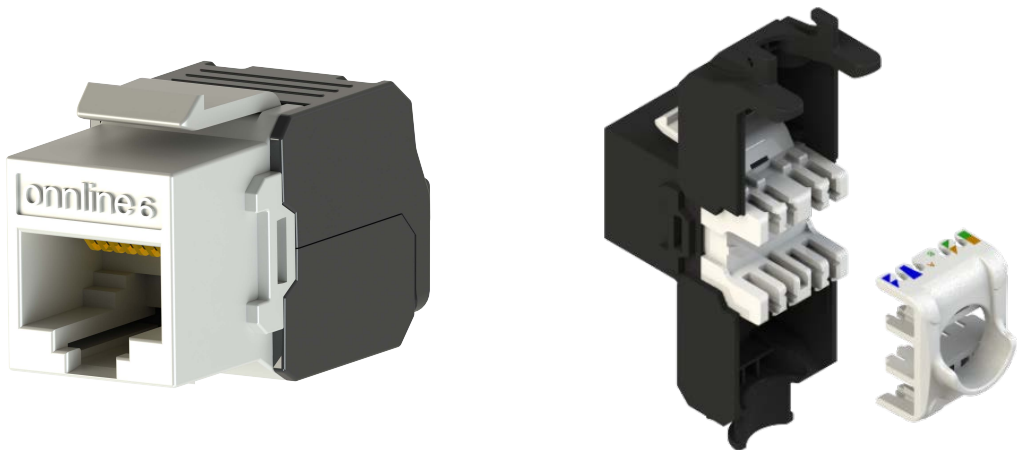


Technical Data Sheet

180 ° UTP Connecting-Hardware Keystone Jack, Tool-Free



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
- 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
- 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

KJ88F6ONNO24
KJ88F6ONNO50

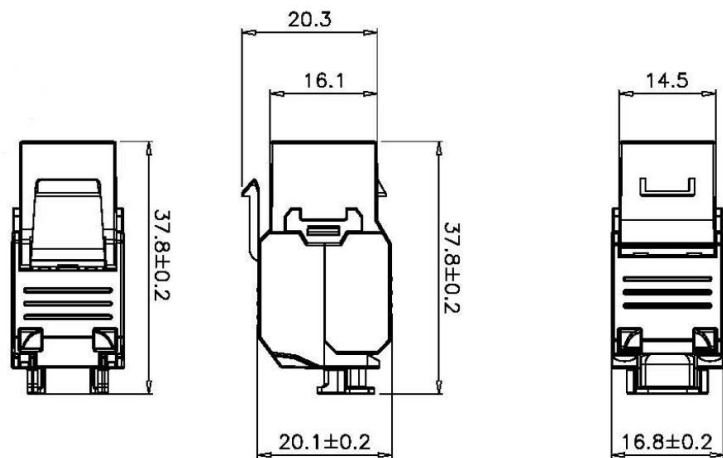
Descriptions

6995511 180 degrees Cat.6 UTP Keystone Jack, Tool-Free, 24 pcs carton box
6995512 180 degrees Cat.6 UTP Keystone Jack, Tool-Free, 1 pc pack, 50 pcs bag

Dimensions

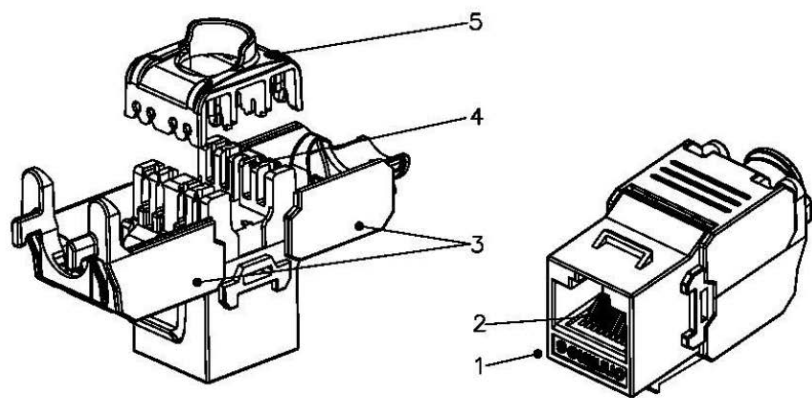
Unit: mm

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



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180 ° UTP Connecting-Hardware Keystone Jack, Tool-Free



Material Specifications

Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket 1-3.	Polycarbonate, UL94V-2, transparent color
Contacts material 1-4.	Phosphor bronze with nickel plating
Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. Wire management cap(IDC-Cap)	Polycarbonate, UL94V-2, white color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2, gray color
3-2. Terminals	Phosphor bronze with tin plating
4. Caps	ABS/PC, black color
5. PCB	FR4, UL94V-0

Mechanical Characteristics

• Life (Mating cycles)	≥ 750 cycles
• Mating / Un-mating force	≤ 20N
• 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	≤ 20 mΩ , from initial
• Insulation resistance	≥ 500 MΩ 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

