

PowerCat 6A UTP Keystone Jack

molex

The Molex PowerCat 6A UTP Keystone Jack is a key component of the PowerCat 6A Unshielded Solution.

The product is designed to comply with the transmission performance of ANSI/TIA-568-C.2 Augmented Category 6A. The Keystone Jack design is a popular, universal dimension that fits into a wide range of wall outlet and enclosure products. The PowerCat 6A UTP jack includes a snap-on shutter to protect against dust ingress. The product is designed to achieve the high level of functionality required for high-speed 10 Gbps data transmission. The product is also backward compatible with Category 6 and 5e systems. The Category 6A UTP Keystone Jack is 3rd party tested and verified for transmission performance, safety and 4PPoE+ compliance.

Features and Advantages

Popular Keystone Design

Removeable shutter for dust protection

568A or 568B wiring option

Rear metal-wrapped cable retention cap provides greater alien crosstalk protection

3rd party verified



Specifications

MECHANICAL

RJ45 Connector Operating Life: 750 insertion cycles
Contact Material:

Phosphor Bronze alloy plated with 50µ" Gold

IDC Contacts: Phosphor Bronze alloy

IDC Housing: Thermoplastic, UL 94V-0

Wire Range: 22 to 24 AWG Solid

Plug Compatibility: RJ45 and RJ11

Operating Temperature: -10 to +60°C

ELECTRICAL

Insulation Resistance: 500MΩ min. at 100V DC

Dielectric Withstanding Voltage: 1000V DC or AC

Peak Contact to Contact: 60MHz for 1 min.

DC Resistance: 0.2Ω max.

PHYSICAL

Minimum Backbox Depth Requirement: 35mm

Shipping Weight: 16 grams (0.56 oz)

Dimensions: 17mm(W) x 31.25mm(D) x 19.3(H)

COMMERCIAL STANDARDS

ANSI/TIA-568-C.2 Cat 6A

IEC 60512-99-002 (draft 48B/2531/CD)

TIA 1096

UL 1863

CSA 22.2

ENVIRONMENTAL STANDARDS

RoHS compliant

REACH compliant

Ordering Information

Order No.	SAP No.	Description	Colour
KSJ-00091-02	181002-0001	Keystone Jack C6A UTP 568A/B Shuttered	White
KSJ-00091-04	181002-0002	Keystone Jack C6A UTP 568A/B Shuttered	Black
KSJ-00091-RD	181002-0003	Keystone Jack C6A UTP 568A/B Shuttered	Red
KSJ-00091-BL	181002-0004	Keystone Jack C6A UTP 568A/B Shuttered	Blue
KSJ-00091-08	181002-0005	Keystone Jack C6A UTP 568A/B Shuttered	Grey
KSJ-00091-05	181002-0006	Keystone Jack C6A UTP 568A/B Shuttered	Ivory

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