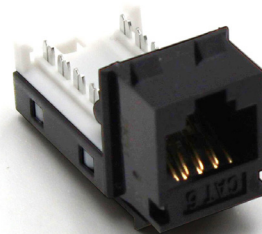


# PowerCat 6 UTP Compact Tool-less Keystone Jack ➤

Molex Category 6 UTP Keystone jacks allow for quick and simple termination without the need for tooling. The compact design allows 48 ports to be accommodated in the 1U patch panel, ideal for high density applications.

The PowerCat 6 UTP Compact Keystone jack is verified for installation in up to four connector channel configurations using Molex Category 6 U/UTP cables and patch cords. The product can also be combined with the Molex DataGate Jack in a two connector permanent link or channel using Molex Category 6 U/UTP cables and patch cords. The UTP jack includes an optional snap-on shutter to protect against dust ingress.



## FEATURES AND ADVANTAGES

Popular Keystone Design	568A or 568B wiring option
No termination tool required	Optional snap-on shutter for prevention of dust ingress
Compact design compatible with the 1 U 48 port high density patch panel	Achieves Category 6 transmission performance requirements in link and channel when installed with Molex cable

## SPECIFICATIONS

### Commercial Standards

TIA/EIA-568-C.2:2009, EN 50173-1:2011, EN 50173-2:2007 A1:2010, ISO/IEC 11801:2011 (Ed 2.2),  
RoHS Compliant  
UL-1863  
CSA 22.2

### Mechanical

#### Dimensions

Width [mm]:	17
Height [mm]:	22
Depth [mm]:	37
Weight [g]:	24

**Material :** Thermoplastic material

#### Jack Connector

**Housing:** Thermoplastic material  
**Operating Life:** Minimum 750 insertion cycles

**Contact Material:** Copper Alloy  
**Contact Plating:** 1.25 micrometers Au/Ni  
**Contact Force:** 100g minimum  
**Plug Retention Force:** 6.8kg minimum

#### IDC Connector

**Housing:** Thermoplastic material  
**Operating Life:** Minimum 20 reterminations

**Contact Material:** Copper Alloy

**IDC Contact Plating:** Tin Matte Finish

**Contact Force:** 100g minimum

**Wire Accommodation:** 23-24 AWG solid

### Electrical Characteristics:

**Interface Resistance:**  $\leq 20\text{m}\Omega$

**Insulation Resistance:**  $\geq 500\text{ M}\Omega$

**Current Carrying Capacity:**  
1A at 50°C temp.

**Voltage Proof contact-contact:**  
 $\geq 1000\text{V DC}$

**Voltage Proof contact-housing:**  
 $\geq 1500\text{V DC}$

## ORDERING INFORMATION

Order No.	SAP No.	Description
KSJ-00087-02	180430039	PowerCat 6 UTP Compact Tool-less Keystone Jack 568A/B, White
KSJ-00087-04	180430040	PowerCat 6 UTP Compact Tool-less Keystone Jack 568A/B, White
KSJ-00087-GR	180430039	PowerCat 6 UTP Compact Tool-less Keystone Jack 568A/B, Green

Compatible with: 1U 48 Port Compact Keystone Jack Patch Panel Unloaded: Part No PID-00281

[www.molex.com/products/copper/cat6](http://www.molex.com/products/copper/cat6)

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