# PowerCat 6A Shielded Compact Tool-less Keystone Jack

**molex**

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

The PowerCat 6A shielded compact keystone jack is verified for a two connector permanent link and channel when installed with Molex C6A shielded cables and patch cords.



*PowerCat 6A Shielded Compact Tool-less Keystone Jack*



*PID-00281 1U 48 Port Patch Panel*

## Features and Advantages

Popular Keystone Design

No termination tool required

Compact design compatible with the 1 U 48 port high density patch panel

Achieves two connector permanent link and channel performance when installed with Molex PowerCat 6A shielded cable and patch cords

568A or 568B wiring option

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## Specifications

### REFERENCE INFORMATION

Commercial Standards:
ISO/IEC 11801:2002/Amd 1 Class Ea
TIA-568-C.2 Cat 6A
TIA-1096-A

RoHS Compliant

### MECHANICAL

Dimensions
| | |
|---|---|
| Width [mm]: | 17 |
| Height [mm]: | 22 |
| Depth [mm]: | 38 |
| Weight [g]: | 18 |

Jack Connector
| | |
|---|---|
| Housing material: | Zinc Alloy |
| Operating life: | 750 insertion cycles minimum |
| Contact material: | Copper Alloy |
| Contact plating: | 50u" Gold/50u" Nickel |
| Contact force: | 99.2g (3.5oz) FCC Plug |

Plug Retention Force: 30lb (133n.13.3kg)

IDC Connector
Housing: Polycarbonate, UL9V-0 rated
Operating life: 20 re-terminations minimum
IDC Material: Copper alloy
IDC Plating: Tin matte finish
Wire accommodation: 23-24 AWG solid

### ELECTRICAL CHARACTERISTICS:

Electrical Characteristics
Insulation resistance: $\geq$500 M$\Omega$
Voltage proof contact-contact: $\geq$ 1000V DC
Voltage proof contact-housing: $\geq$ 1500V DC
Contact resistance: $\geq$20 M$\Omega$
Current carrying capacity: 1A at 68°C temp.

Compatible with: Part No PID-00281 SAP No 180810039 1U 48 Port Compact Keystone Jack Patch Panel Unloaded

## Ordering Information

| Series No. | SAP No | Description |
|---|---|---|
| KSJ-00088 | 183470002 | PowerCat 6A Shielded Compact Tool-less Keystone Jack |

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