



# PowerCat 6A Shielded Side Entry Jack

## Features and Benefits

The PowerCat 6A Side Entry Jack is specifically designed for high speed 10 Gigabit Ethernet applications. This jack is ideal for use in work area outlet applications with limited back box space. This jack also incorporates time saving installation features such as a spring loaded cable clamp feature and is compatible with 110 termination tool.

- Robust die cast zinc alloy housing
- Cable can be terminated on left or right side of jack
- Spring loaded shutter
- Spring loaded cable clamp
- Complies with ISO/IEC 11801 and TIA Cat 6A channel and PL requirements
- Jack can be terminated with 4 Pair Termination Tool or standard IDC Punch Down Tool
- Patented IDC (insulation displacement contact) V-shaped contacts that flex not fatigue when terminated
- 100% factory tested
- RoHS compliant

## Commercial Standards

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

## Pending Approvals:

UL-1863  
CSA C22.2  
ETL

## Technical Information

### Mechanical Characteristics

Jack Connector  
Housing material: Zinc Alloy  
Operating Life: 750 insertion cycles minimum  
Contact Plating: Copper Alloy  
Contact Force: 50u" Gold/100u" Nickel  
Plug Retention Force: 11 lbf minimum

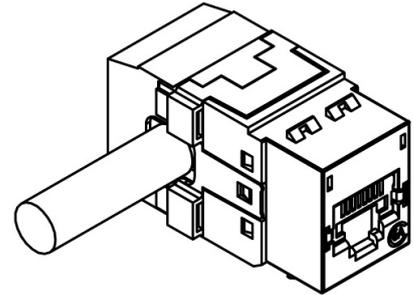
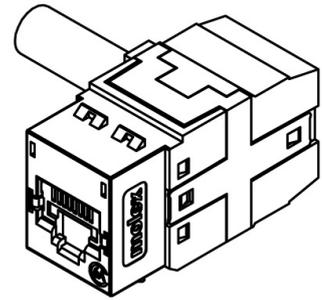
IDC Connector  
Housing: Polycarbonate, UL9V-0 rated

Operating Life: 20 re-terminations minimum

IDC Contact Material: Copper Alloy  
IDC Contact Plating: Tin Matte Finish  
Wire Accommodation: 22-24 AWG Solid

### Electrical/Optical Characteristics

Interface Resistance: 20mΩ  
Initial Contact Resistance: 2.5mΩ  
Insulation Resistance: >100mΩ



## ORDERING INFORMATION

Order No.	SAP No.	Description
KSJ-00073-04	Consult Molex	PowerCat 6A Shielded Side Entry Jack with Black Shutter
KSJ-00073-02	Consult Molex	PowerCat 6A Shielded Side Entry Jack with White Shutter

## MOLEX PREMISE NETWORKS

**Americas**  
Tel: 630 969 4550  
www.molexpn.com

**EMEA**  
Tel: 44 (0) 2392 205800  
www.molexpn.co.uk

**APAC**  
Tel: 61 3 9971 7111  
www.molexpn.com.au