

## Features and Benefits

The Shielded Euromod modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. The module is compatible with the Euromod range of wall plates and its angled design reduces patch cord bend radius.

The PowerCat 6 shielded Angled Euromod II Module is a key component of the PowerCat 6 shielded channel compliant system. The module features the Shielded DataGate connector allowing 180° and 90° cable exit. This superior connector provides 360° shielded protection by utilising a two piece tin/nickel plated brass can that encloses the RJ45 IDC. The Shielded DataGate connector includes a unique integral shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The Shielded DataGate connector is dual colour coded for either 568A or 568B wiring schedules and is RJ11 compatible.

Suitable for high-speed data transmission, the Shielded DataGate connector has been designed to exceed the highest electrical performance standards in the industry and has been independently tested and verified by ETL SEMKO for Category 6 component compliance.

Molex recommend that the full range of PowerCat 6 Shielded products are used in a system to maximise cabling performance. The System has been independently verified by Intertek ETL SEMKO as compliant with ISO/IEC TR24570 and TIA/EIA TSB-155 technical reports for the support of 10G BASE-T Channels and Permanent Links.

- N25 x 50mm fascia
- 360° shielded shuttered RJ45 DataGate connector
- Protected labelling facility
- Euromod wall plate compatible
- Angled fascia
- RoHS Compliant

## Commerical Standards

TIA/EIA 568B-2-1, FCC Subpart F68.5,  
ISO 60603-7,  
ISO 11801:2002, EN 50173:2002  
10G Base-T:  
TIA/EIA TSB-155  
ISO/IEC 24570

## Technical Information

### Mechanical Characteristics

Jack Connector  
Can: 0.25mm brass to C2680R pre-plated tin over nickel  
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent  
Operating Life: Minimum 750 insertion cycles  
Contact Material: Copper Alloy  
Contact Plating: 1.27 micrometres Au/Ni  
Contact Force: 100g minimum  
Plug Retention Force: 6.8kg.

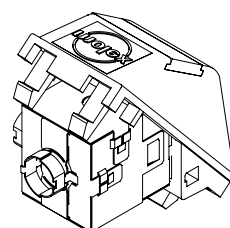
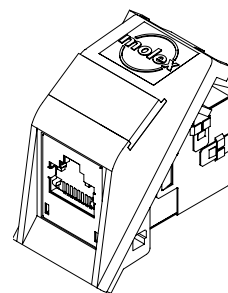
IDC Connector  
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent  
Operating Life: Minimum 20 reterminations  
Contact Material: Copper Alloy  
IDC Contact Plating: Tin/Lead Plate  
Contact Force: 100g minimum  
Wire Accommodation: 22-24 AWG solid

### Electrical/Optical Characteristics

Interface Resistance: 20mΩ  
Initial Contact Resistance: 2.5mΩ  
Insulation Resistance: >100 MΩ  
Minimum Backbox Depth Requirement: 35mm 90° cable entry may not possible in certain styles of floor boxes or back boxes.

Termination Tool: 110

Shipping Weight: 468g (Pk of 10)



## ORDERING INFORMATION

Order No.	SAP No.	Description
MEU-00058-02	Consult Molex	PowerCat 6 Angled Euromod II Module RJ45 568A/B Shielded - White

## MOLEX PREMISE NETWORKS

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