



### Features and Benefits

The Shielded Angled MOD-SNAP III Module is part of the PowerCat 6A Shielded product range that has been designed to support a growing requirement for shielded cabling systems. Also ideal for floor box applications, the product is a fully assembled unit featuring the shuttered shielded DataGate 6A connector in a 37.5 x 22mm fascia (BT6C size). The angled design reduces patch cord bend radius particularly in shallow floor box installations. The Angled MOD-SNAP III Module can also be used in the MOD-SNAP range of wall plates.

The PowerCat 6A shielded Angled MOD-SNAP III Module features the unique DataGate™ shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing. This shielded connector also features a unique spring loaded shutter that not only protects it from dust and contaminants, but the ingenious spring loaded design also ejects improperly seated patch cords. The shielded connector is dual colour coded for either 568A or 568B wiring schedules. The DataGate PowerCat 6A shielded connector is also backwards compatible with shielded C6 and C5e systems.

Molex recommends the full range of PowerCat 6A shielded products be used in a system to maximise cabling performance. This system is compliant with ISO/IEC 11801 A1.1 and TIA/EIA 568-B.2-10 for the support of 10GBASE-T.

- 37.5 x 22mm fascia
- 360° die-cast shielded shuttered RJ45 DataGate connector
- Protected labelling facility
- Floor box and wall plate compatible
- Angled fascia
- Category 6A performance when installed as a complete PowerCat
- RoHS Compliant

### Commerical Standards

TIA/EIA-568-B.2-10  
ISO/IEC 11801 A1.1  
FCC Subpart F 68.5  
IEC-603-7

### Fire Propagation Tests

ETL independent testing  
UL-1863  
CSA C2.2

### Technical Information

#### Mechanical Characteristics Connector

Housing: Zinc Alloy plated  
Bright Ni/Cu  
Operating Life: Min. 750 insertion cycles  
Contact Material: Copper Alloy  
Contact Plating: 1.25 micrometres Au/Ni  
Contact Force: 100g minimum  
Plug Retention Force: 6.8kg minimum

#### IDC Connector

Housing: Polycarbonate, UL94V-0 rated  
Operating Life: Min. 20 reterminations  
Contact Material: Copper Alloy  
IDC Contact Plating: Tin Matte Finish  
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: 44mm  
Termination Tool: 110

## ORDERING INFORMATION

Order No.	SAP No.	Description
MMS-00017-02	Consult Molex	PowerCat 6A Angled MOD-SNAP III Module RJ45 568B Shielded - White
MMS-00017-04	Consult Molex	PowerCat 6A Angled MOD-SNAP III Module RJ45 568B Shielded - Black
MMS-00014-02	Consult Molex	MOD-SNAP III Blank Module

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