DATASHEET

PowerCat 6 Angled MOD-SNAP III Module ›

The PowerCat 6 Angled MOD-SNAP III module is ideal for floor box applications. The product is a fully assembled unit featuring the shuttered DataGate 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 MOD-SNAP III module features the DataGate Category 6 connector. This superior RJ45 IDC includes a unique integral shutter that not only protects the connector from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The DataGate Plus connector is dual color coded for either 568A or 568B wiring schedules and is RJ11 compatible.

Suitable for high-speed data transmission, the DataGate Category 6 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. The DataGate connector is also backwards compatible with C5e systems.

MMS-00013-02

MMS-00014-02

FEATURES AND ADVANTAGES

- 37.5 x 22mm fascia
- Shuttered RJ45 DataGate connector
- Protected labeling facility
- Floor box and wall plate compatible
- Angled fascia

www.molexces.com/products/copper/cat6

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SPECIFICATIONS

Commerical Standards
TIA/EIA-568-B.2-1, FCC Subpart F 68.5, ISO 60603-7, ISO 11801:2002, EN 50173:2002

Pending Approvals
UL-1863 (Pending)
CSA (Pending)
ETL Verified for Category 6 Component Compliance

Technical Information
Mechanical Characteristics

Jack Connector
Plastic Housing:
Polycarbonate, UL94V-0 rated or equivalent
Operating Life:
Minimum 750 insertion cycles
Contact Material: Copper Alloy
Contact Plating: 1.27 micrometers 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: 25mm
Termination Tool: 110
Shipping Weight: 312g (Pk of 20)

PoE
Our PowerCat 6 system is suitable for PoE applications as defined below:
IEEE 802.3bt from Type 1 to Type 4, and CISCO UPoE+

Notes:
For new installations of PoE Type 3 / Class 5 and above that wish to be eligible for the Molex 25 year Application Assurance Warranty, we require Category 6A cable to be used throughout.
To confirm your PoE / RP3 cabling design is eligible for the Molex 25 year Application Assurance Warranty, your design must be verified and validated with the Molex PoE Calculator. Read more https://www.molexces.com/poe-calculator

Molex recommends that the PoE feature on an individual switch port are power disabled prior to unplugging the associated powered Device.
Molex recommends that the full range of PowerCat 6 products be used in a system to maximize cabling and PoE performance
Details on Molex requirements for Warranty can be found at https://www.molexces.com/about-us/our-warranty/

ORDERING INFORMATION

Order No.	SAP No.	Description
MMS-00013-02	Consult Molex	PowerCat 6 Angled MOD-SNAP III Module RJ45 568A/B UTP - White
MMS-00014-02	Consult Molex	MOD-SNAP III Module Blank - White

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