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PowerCat 6 Angled Euromod II Module ❯

The 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 wallplates and its angled design reduces patch cord bend radius, essential for C6 installations.

The Angled Euromod II 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 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. The DataGate connector is also backwards compatible with C5e systems.

FEATURES AND ADVANTAGES

25 x 50mm fascia
Shuttered RJ45 DataGate connector
Protected labeling facility
Euromod wall plate compatible
Angled fascia
RoHS Compliant

www.molexces.com/products/copper/cat6

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SPECIFICATIONS

Commercial Standards
TIA/EIA-568-C.2:2009 cat.6,
EN 50173-1:2011 Class E, ISO/IEC
11801:2010 (Ed 2.2) Class E, FCC
Subpart F68.5

Pending Approvals
UL-1863 (Pending)
CSA (Pending)

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 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:** 25mm
Termination Tool: 110
Shipping Weight: 325g (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
MEU-00056-02	Consult Molex	PowerCat 6 Angled Euromod II Module, UTP RJ45 568A/B - White

www.molexces.com/products/copper/cat6