

Features and Benefits

These PowerCat 6 module are compatible with the Legrand® range of 45 x 45mm bezels. The products are fully assembled units featuring the shuttered DataGate™ connector. The angled design reduces patch cord bend radius and features a protected labelling feature. Individual ports may be colour coded using a connector icon, for site-specific network administration.

The modules feature 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 colour 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.

- Legrand® 45 x 45mm bezel compatible
- Shuttered RJ45 DataGate connector
- Protected labelling facility
- Angled fascia

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 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

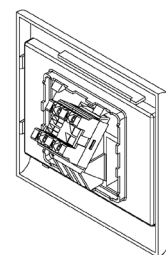
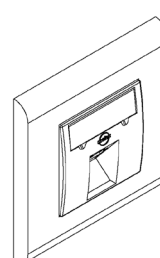
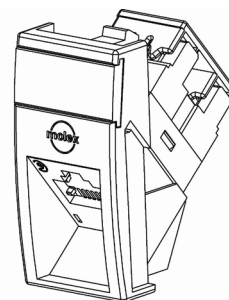
Interface Resistance: 20mΩ
Initial Contact Resistance: 2.5mΩ
Insulation Resistance: >100MΩ

Minimum Backbox Depth Requirement: 32mm

Termination Tool: 110

Shipping Weight:

22.5 x 45mm Module: 312g
(Pack of 20)
45 x 45mm Module: 150g (Pack of 10)



ORDERING INFORMATION

Order No.	SAP No.	Description
MLG-00021-02	188000016	PowerCat 6 22.5 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White
MLG-00024-02	188000068	PowerCat 6 45 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White
16.A0012	180070055	22.5 x 45mm Blank Module - White

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