

Features and Benefits

Molex Premise Networks modular wall outlet range Contura was designed to combine aesthetics with functionality and to support a growing requirement for shielded cabling systems. The contemporary design of the products is ideal for the modern office and provides the user with the flexibility of installing as many modules as required. The product family consists of Single and Double Gang Wall Plates with Grid Plate, a shuttered Shielded DataGate Module and a Blank Module.

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. The Shielded DataGate connector is also backwards compatible with Shielded C5E systems.

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.

- Contemporary design
- Single and Double Gang Wall plates
- 360° Shielded shuttered RJ45 DataGate 10G connector component compliant
- Protected labelling facility
- Independently tested
- 10G Channel performance when installed as a complete PowerCat 6 Shielded System
- RoHS Compliant

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.
Can: 0.25mm brass to C2680R pre-plated tin over nickel

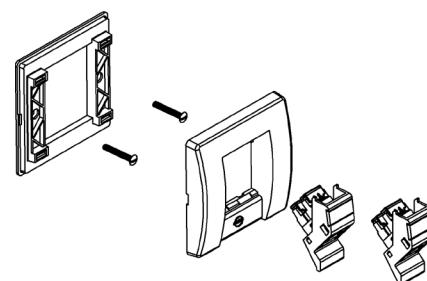
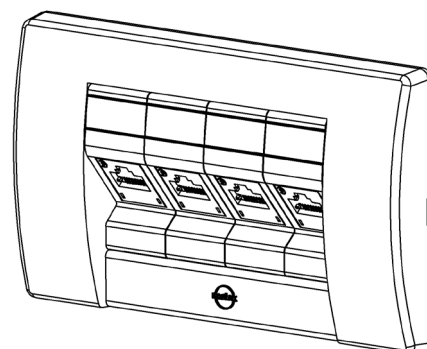
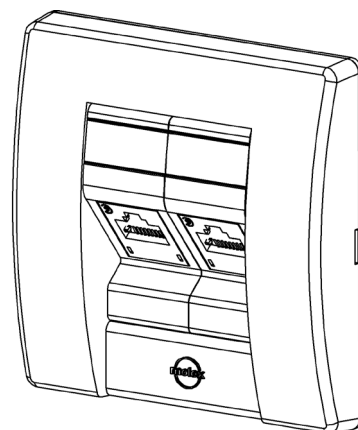
IDC Connector
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
Operating Life: Minimum 20 reterminations
Contact Material: Copper Alloy
IDC Contact Plating: Tin/Lead Plate
Contact Force: 100g minimum
Wire Accommodation: 22-24 AWG solid

Electrical/Optical Characteristics

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

Dimensions:
Single Gang: 86 x 86mm (external), 52 x 45mm (internal aperture)
Double Gang: 86 x 145mm (external), 52 x 90mm (internal aperture)
Module and Blank: 52 x 22.5mm

Minimum Backbox Depth Requirement: 40mm
Double gang (4 ports) can only be installed using 180° termination (Termination Tool: 110)
Shipping Weight:
Single Gang & Grid Plate: 48g (Pk of 10)
Double Gang & Grid Plate: 38g (Pk of 5)
Module: 325g (Pk of 10)
Blank: 410g (Pk of 40)



ORDERING INFORMATION

Order No.	SAP No.	Description
WGB-00001-02	Consult Molex	Single Gang Wall Plate (includes grid plate) White
WGB-00002-02	Consult Molex	Double Gang Wall Plate (includes grid plate) White
MGB-00003-02	Consult Molex	PowerCat 6 Angled Contura Module RJ45 568A/B Shielded - White
MGB-00002-02	Consult Molex	Blank Module
CSP-00021-**	Consult Molex	Connector Icon Labels (10 per pack)

Insert color code in place of ** in part number when ordering PowerCat 6 Accessories: 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

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