

Features and Benefits

The 4 Port Shuttered Fixed Wallplate offers an economic alternative to the modular system, eliminating the need for separate components as only one part is required. The wallplate is a complete assembly, comprising 4, C5e RJLP connectors, fascia, spring loaded shutters and protected labelling facility. The density of the wallplate makes it ideal for situations where several services are required in one location, eg. data, voice, video conferencing etc.

Molex Premise Networks unique patented RJLP RJ45 connector is engineered to meet the highest performance standards in the industry and offers a low profile, space saving design, that allows installation in backboxes, trunking, powerpoles etc.

Suitable for high speed data transmission, the PowerCat RJLP RJ45 connector was designed to meet the requirements of the C5e standard which demands compliance with the PowerSum principle of measurement and test.

- UK standard 86 x 86mm fascia
- Low profile C5e RJ45 connector
- Spring loaded shutters

NOTE: The Quad Wallplate is designed to fit in standard UK backboxes (86 x 86mm external dimension) with 2 (only) screw fixing positions. The minimum internal backbox dimension clearance allowable is 76 x 76mm up to 81 x 81mm.

Technical Specification

Termination Tools:

Molex and industry standard tooling

IDC Terminations:

Suitable for 0.4mm - 0.6mm solid or stranded cable, maximum o.d. 1.5mm. Two wires may be terminated for daisy-chain applications.

Patents pending on connector and module designs.

Mechanical

Jack Connector

Operating Life: Minimum 500 insertion cycles
 Contact Material: Phosphor Bronze
 Contact Plating: 1.25 micrometers Au/Ni
 Material: UL 94V0 Thermoplastic

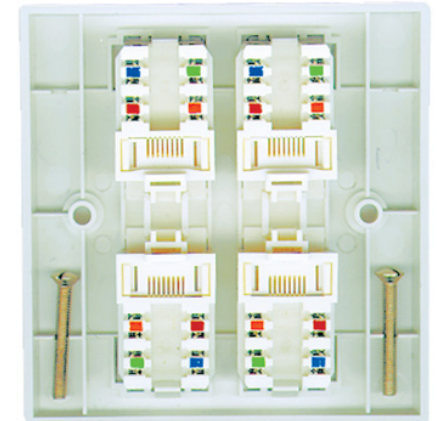
IDC Connector

Operating Life: Minimum 100 Reterminations
 Contact Material: Phosphor Bronze
 Contact Plating: Sn/Pb over Ni
 Wire Size: 2x26-22 awg solid or stranded

Electrical

D.C. Resistance: <20mΩ
 D.C. Resistance Imbalance: <2.0mΩ
 Insulation Resistance: > 100mΩ
 Attenuation (dB) @1MHz 0.0121
 @16MHz 0.0193
 @100MHz 0.1052
 Crosstalk (dB) @1MHz -84.26
 @16MHz -60.03
 @100MHz -45.70
 PowerSum @100MHz -41.83
 Worst Pair(dB)
 Return Loss (dB) @1MHz -65.0
 @16MHz -48.0
 @100MHz - 30.0

Backbox/Trunking depth requirement :
 Minimum clearance 44mm
 Shipping Weight: Box 5 : 385gm



ORDERING INFORMATION

Order No.	SAP No.	Description
WNC-00009-02	Consult Molex	PowerCat 4 Port Shuttered Fixed Wallplate UTP 568B White C5E

Molex's standard fascia colour is white. Other colours are available, subject to minimum order quantities.

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