



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 RJLP RJ45 connector
- Spring loaded Shutters

Reference Information

Technical Information

Termination Tools: Molex Premise Networks and other industry standard installation tools

IDC Terminations: Suitable for 0.4mm - 0.6mm solid or stranded cable, minimum o.d. 1.5mm

Patent pending on connector and module designs.

Mechanical

Operating Life: Min. 500 insertion cycles

Contact Material: Phosphor Bronze

Contact Plating: Sn/Pb over Ni

Wire Accommodation: 2 x 22-26 AWG solid or stranded

IDC Connector

Operating Life: Min. 100 Reterminations

Contact Material: Copper based alloy

Contact Plating: Sn/Pb over Ni

Wire Accommodation: 2 x 22-26 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*

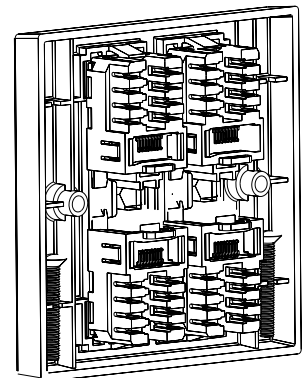
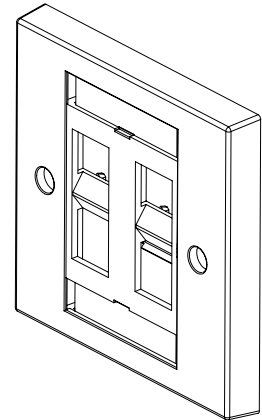
*Crosstalk(dB) @ 1MHz -84.26
@ 16MHz -60.03
@ 100MHz -45.70*

PowerSum Worst Pair(dB)@ 100MHz -41.83

*Return Loss (dB) @ 1MHz -65.0
@ 16MHz -48.0
@ 100MHz -30.0*

Backbox/Trunking depth requirement : Minimum clearance 44mm

Shipping Weight: Box 5 : 385grm



Order No.	Description
WNC-00009-02	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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