



Features and Benefits

The Euromod modular system provides a flexible and versatile method of installation. This modular system offers a wide range of wallplates and modules that allow the user to install as many data outlets as required. The PowerCat module is a fully assembled unit featuring the Molex Premise Networks low profile FTP Category 5, RJ45 RJLP connector and a 25 x 50mm fascia, shutter and spring assembly.

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 enables installation in shallow backboxes and trunking. The FTP RJLP connector provides continuity of the cable shield by the inclusion of a termination point for the drain wire.

Suitable for high speed data transmission the PowerCat RJLP RJ45 connector was designed to meet the requirements of the Category 5E standard which demands compliance with the PowerSum principle of measurement and test.

- Category 5E RJLP connector
- EIA 568B wired
- Space saving low profile module
- Provides through shield continuity

Technical Information

Termination Tools:

Molex and other industry standard installation tools

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

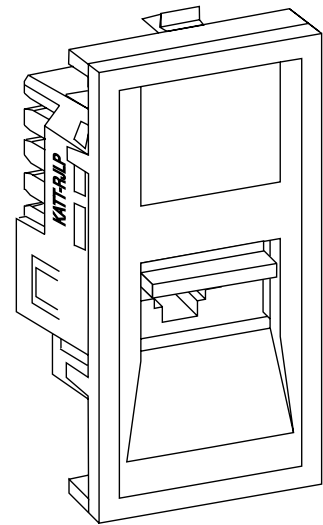
Operating Life : Minimum 500 insertion cycles
 Contact Material : Phosphor Bronze
 Contact Plating : 1.25 micrometres Au/Ni
 Material : UL 94V0 Thermoplastic

IDC Connector

Operating Life : Minimum 100 Reterminations
 Contact Material : Phosphor Bronze
 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 @ 100MHz -41.83
 Return Loss (dB) @ 1MHz -65
 @ 16MHz -48
 @ 100MHz -30



Order No.	Description
MEU-00020-02	PowerCat FTP Euromod RJLP module. RJ45, 568B, Cat 5E (White)

Molex Premise Networks standard fascia colour is white. Other colours may be subject to minimum order quantities.



England & Wales: **01322 441169**

Scotland & N. Ireland: **0131 333 4411**

Email: **battnetworks.sales@batt.co.uk**

www.batt.co.uk