

Features and Benefits

Distribution Enclosures are intended to provide increased flexibility and economy for installations where open office spaces require frequent reconfiguration. For example, when moves, adds and changes (MACs) are required between fixed cabling and movable furniture system layouts, particularly when solid floors are installed.

Molex Premise Networks Distribution Enclosures feature 6 or 8 shuttered PowerCat Category 5E modules, housed in a rugged graphite grey finished steel enclosure, which protects the incoming cable.

Molex Premise Networks unique patented PowerCat RJLP Category 5E RJ45 connector is designed to meet the highest performance standards in the industry and offers a low profile, space saving design, for easy termination. The FTP RJLP C5E connector provides continuity of the cable shield by the inclusion of a termination point for the drain wire.

- 6 or 8 port shuttered Category 5E RJLP modules
- Rugged graphite grey enclosure
- UTP & FTP versions

Technical Information

Mechanical Characteristics

Jack Connector
Operating Life: Minimum 500 insertion cycles
Contact Material: Phosphor Bronze
Contact Plating: 1.25 micrometres Au/Ni
Material: UL 94VO 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/Optical Characteristics

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

Shipping Weight 6 port 1kg
12 port 2kg

Dimensions:
8/6 port: 265mm (L) x 85mm (D) x 95mm (H)
12 port: 265mm (L) x 170mm (D) x 95mm (H)

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.



ORDERING INFORMATION

Order No.	Description
CPT-00022	6 Port UTP RJ45 568B PowerCat C5E
CPT-00023	8 Port UTP RJ45 568B PowerCat C5E
CPT-00026	6 Port FTP RJ45 568B PowerCat C5E
CPT-00027	8 Port FTP RJ45 568B PowerCat C5E
CPT-00034	Base - Consolidation Point Enclosure
CPT-00035	6 Port UTP (Fully Loaded) Cover C5E
CPT-00036	8 Port UTP (Fully Loaded) Cover C5E
CPT-00037	6 Port FTP (Fully Loaded) Cover C5E
CPT-00038	8 Port FTP (Fully Loaded) Cover C5E
SP110107	12 Port UTP RJ45 568B PowerCat 5E

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