molex®

100 Base-T Category 5 Telco Panel - UTP

Features and Benefits

Molex Premise Networks 100 Base-T Telco Panel was designed specifically for installations that require connectivity with hubs that offer 50 pin connector front end presentation (Cabletron and Cisco for example). The product consists of 24 RJ45 ports in the front and two 50 pin female connectors at the back.

Providing two pairs to each 8 pin RJ45 jack, pair one is terminated on pins 1 and 2 and pair two is terminated on pins 3 and 6. One 50 pin connector serves 12 ports and is wired to the IEEE.802.3 Ethernet 100 Base-TX and 100 Base-T2 standard.

The fully enclosed unit offers protection for the PCB connection, making this a rugged product which is simple to install using the mounting kit included. A full range of Category 5, RJ21X 50 pin male Telco Cable Assemblies complete the product range (see part no's below).

- 19" Rack Mountable 1U
- 2 Pair wiring
- RJ21X Telco Connectors
- 24 RJ45 Ports
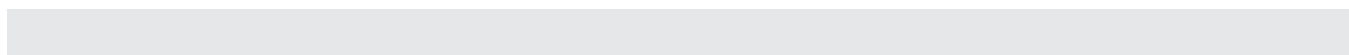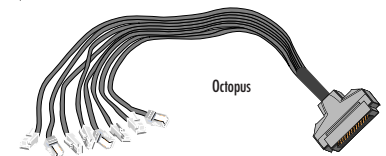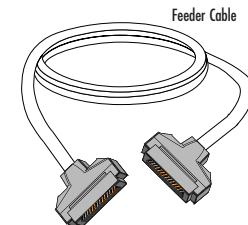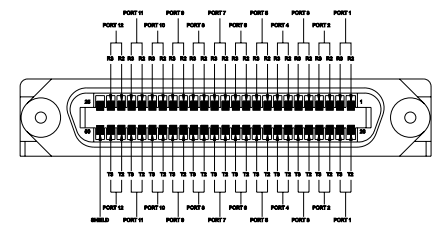- Quick and Easy rear connection

Technical Information

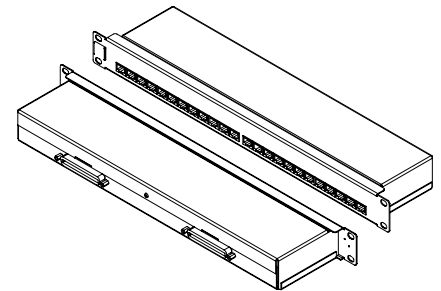### Jack Connector

Operating Life :	Minimum 1000 insertion cycles
Contact Material :	Copper based alloy
Contact Plating :	1.25 micrometre Au/Ni
Material :	UL Listed Connector

Electrical

D.C. Resistance :			$<20m\Omega$
D.C. Resistance Imbalance :			$<2.0m\Omega$
Insulation Resistance :			$>100m\Omega$
Attenuation(db):	@	1MHz	-0.09
	@	16MHz	-0.14
	@	100MHz	-0.35
Crosstalk (dB)	@	1MHz	-85.2
	@	16MHz	-60.5
	@	100MHz	-41.2
Return Loss	@	1MHz	>-23
	@	16MHz	>-23
	@	100MHz	>-23
Shipping Weight	1.7kg		

Feeder Cable

Octopus

Order No.	Description
PMT-00003	24 Port 100 Base-T Category 5 Telco Panel

Cable assemblies

Order No.	Description
FSA-00016	Feeder 50W Male to Male 180Þ 1M C5
FSA-00017	Feeder 50W Male to Male 180Þ 3M C5
FSA-00018	Feeder 50W Male to Male 180Þ 5M C5
FSA-00019	Feeder 50W Male to Male 180Þ10M C5
FSA-00028	Octopus 50W Male 180Þ 12x RJ45 1M C5
FSA-00029	Octopus 50W Male 180Þ 12x RJ45 3M C5
FSA-00030	Octopus 50W Male 180Þ 12x RJ455M C5
FSA-00031	Octopus 50W Male 180Þ 12x RJ45 10M C5