



Molex High Density Patch Panel

BATT Part No:	78430
Application:	Molex premise networks PowerCat (C5E) high density patch panels are ideal for ISP applications or installations where cabinet / rack space is at a premium. Providing 32 or 48 ports in 1U, these patch panels offer an integral rear cable management tray specially designed for neat and easy cable dressing. The front of the panel has a protected labelling facility for clear port labelling. Suitable for high speed data transmission, this panel was designed to meet the highest performance standards in the industry, utilising the PowerSUM principle of measurement and testing. Molex Premise Networks patented KATT IDC is dual colour coded allowing for 568A and 568B wiring and is terminable using industry standard tooling. Fixing kit, cable ties and installation instructions are included.
	PowerCat (C5E) performance
	32 Ports 1U
	48 Ports 1U
	PCB mounted KATT IDC
	EIA 568B wired
	RJ45 Jacks
	Standard 19" rack mounted
Termination tools:	Molex premise networks and other industry standard installations tools. Suitable for 0.4mm – 0.6mm solid or stranded cable, minimum o.d 1.5mm.
Jack connector	
Operating life:	Minimum 1000 insertion cycles
Contact material:	Copper based alloy
Contact plating:	1.25 micrometers Au/Ni
Material:	UL listed connector
IDC Connector	
Operating life:	Minimum 200 reterminations
Contact material:	Copper based alloy
Contact plating:	Sn/Pb over Ni
Wire size:	2 x 26 – 22AWG solid or stranded
Electrical	
D.C Resistance :	<20mΩ
D.C Resistance imbalance:	<2.0mΩ
Insulation resistance:	<100MΩ
Attenuation (dB):	At 1MHz – 0.001 At 16 MHz – 0.01 At 100 MHz – 0.03
Crosstalk (dB):	At 1MHz – -79.0 At 16 MHz – -65.00 At 100 MHz – -46.00 At 100MHZ - -42.8 At 1MHz – -62 At 16 MHz – - 54 At 100 MHz – -22
Weight:	2.76kg
Standards:	ISO 11801, EN 50173, TIA 568A
Colour:	Graphite grey textured finish



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