

CAT6 UTP PATCH PANEL PCB



DESCRIPTION

METACOM Category 6 patch panel 19-inch rack mountable with PCB(Printed Circuit Board) fully exceeds TIA and EIA component specifications, supporting network convergence protocols, delivering maximum bandwidth and extended reliability for all LAN, multimedia, and Power over Ethernet applications. This patch panel outlets will be available in loaded Version and the front of the panel each port is numbered. It is available in 1u 24 port and 2u 48 port. The punch down termination offers fast and reliable installation of unshielded cable, quick and easy in termination.

STANDARDS & FEATURES

ISO/IEC 11801
TIA/EIA-568A/B
50-micron gold plated contacts
IDC punch down style 110
24RJ 45 & 48RJ 45 ports
Removable label area.

APPLICATIONS

10GBASE-T Ethernet
1000BASE-TX Gigabit Ethernet
1000BASE-T Gigabit Ethernet
100BASE-TX Fast Ethernet
10BASE-T Ethernet
Voice, Video and other applications.

All the products are verified to the electrical characteristics required in the directive.

Physical Characteristics

Jack	Jack Phosphor bronze, 6-50 μ inch gold plating over nickel in contact area
IDC	100 μ inch nickel plated over phosphor bronze
Panel frame	Carbon steel, powder coating

ELECTRICAL PERFORMANCE

Dielectric Strength	1000V RMS for 1 min
Current Rating	1.5Amp Max.
Insulation Resistance	10M Ω Min.
Contact Resistance	2m Ω per contact
Temperature Range	-10°C to 60°C
Humidity	10%~90%; noncondensing
Insertion Life	>750 mating cycles
IDC Accept	22-26 AWG Solid Cable

ORDERING INFORMATION

PART NUM	DESCRIPTION
MCS-6-PPL-24P-UTP	Category 6 UTP Patch Panel loaded 24port PCB, 1u
MCS-6-PPL-48P-UTP	Category 6 UTP Patch Panel loaded 48port PCB, 2u

