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PowerMAX 2U 48P Cat.6 UTP Patch Panel

DINTEK PowerMAX Category 6 patch panels are designed to exceed ANSI/TIA-568-2.D performance specifications and support both T568A and T568B wiring schemes. They can be terminated with an industry standard 110 or Krone installation tool. The Panels include a mounting slot for the DINTEK cable management bar, which easily mounts to the back of the panel, for improved routing and strain relief functionality.

Combined with other DINTEK PowerMAX Products, they are the perfect solution to your voice and data communications needs.



Features

- Component Level Design
- Meet & exceeds all current Cat6 Standards
- Stripped window label for easy management
- 110 and krone dual type IDC termination
- 1U size & 48 port panel, 2U size , 19" 24 port patch panel.
- Accept 22~26AWG, stranded or solid wire
- Optional rear cable management

Independently Verified Certifications

ETL Certificate Of Conformance



Applications

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550MHz Broadband Video

Standards Conformance

- ETL Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173

Ordering Information

Product Number	Product Name	Packing
1402-04012	Cat.6 110/krone UTP Patch Panel 48 ports, 2U	1 pcs/box - 10 boxes/carton
1402-04011	Cat.6 110/krone UTP Patch Panel 24 ports, 1U	1 pcs/box - 25 boxes/carton

Technical Specifications

Construction

Frame	
Material	Cold Rolled Steel
Type	Plate: SPCC-SD 16G

Connectors

Contact Type	Spring wire / contact blades
Material	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel

Rear Terminals

Terminal Type	Dual IDC (110/Krone)
Material	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

Physical Ranges

Temperature Range	
Storage	-40 to +70°C
Operational	-10 to +60°C
Relative humidity	
Operational	Max. non-condensing 93%
Retention	30lbs min between the jack and plug.
Insertion/Extraction life	750 cycles minimum
Number of IDC terminations	200 minimum
Total mating Force	800gms for a 8 wire leads minimum

Electrical

Insulation Resistance between conductors	500 MegΩ min.@ 100V d.c
Dielectric Withstanding Voltage	1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.
Spring Wire Contact Resistance	20 mΩ Max.
Voltage/Current Rating	1.5 AMPS at 20°C
IDC Contact Resistance	2.5 mΩ Max

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