

PowerMAX 2U 48P Cat.6 UTP Patch Panel

DINTEK PowerMAX™ Cat.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
- Meets & exceeds all current Cat.6 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
- Accepts 22~26AWG, stranded or solid wire
- Optional rear cable management

Independent 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	Std Pkg Qty	Std Ctn Qty
1402-04012	Cat.6 110/Krone UTP Patch Panel 48 Ports, 2U	1pcs/box	10 boxes/carton
1402-04011	Cat.6 110/krone UTP Patch Panel 24 Ports, 1U	1pcs/box	25 boxes/carton

Technical Specifications

Construction	
Frame	
Material	Cold Rolled Steel
Standard	Plate: SPCC-SD 16G
Connectors	
Contact Type	Spring Wire
Material	Phosphor Bronze Alloy Plated with 50 Micro-inch of Gold over 70~100 Micro-inch of Nickel
Rear Terminals	
Terminal Type	IDC
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	50N (11 lbf) for 60s ± 5s
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 MΩ 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	150VAC/1.5A
IDC Contact Resistance	2.5 mΩ Max

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