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# PowerMAX 1U 24P Cat.6 FTP Patch Panel

The DINTEK PowerMAX™ Cat.6 solutions are guaranteed to exceed Class E channel specifications as set down in international standards.

Our PowerMAX™ shielded solution comprises Cat.6 component compliant patch panels, keystone, and patch cords. When combined with DINTEK's Cat.6 FTP and S/FTP cable, an end-to-end channel exists that maximizes data throughput and provides headroom for all future technologies operating beyond one Gigabit.

Combined with other DINTEK PowerMAX™ shielded products, our Cat.6 cable is the perfect solution to your voice and data communications needs.

## Features

- Meets all Cat.6 channel performance requirements specified in ANSI/TIA-568-2.D
- 110 and krone dual type IDC termination
- 100% shielded for complete EMI/RFI protection
- 19" 24 port patch panel, 1U size & 48 port panel, 2U size
- Accepts 22~26AWG, stranded or solid wire
- High durability and reliability
- Modular jack meet FCC part 68
- Wiring: T568A/B

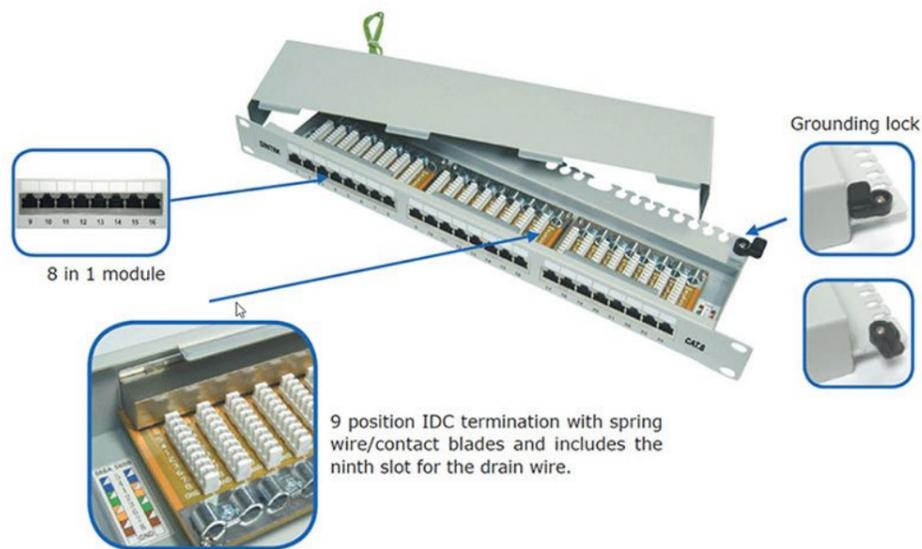


## Applications

- 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
1402-04033	Cat.6 24 Port Shielded Patch Panel	1pcs/box	10 boxes/carton

## Technical Specifications

Construction	
<b>Frame</b>	
Material	Cold Rolled Steel
Standard	Plate: SPCC-SD 16G
<b>Connectors</b>	
Contact Type	Spring Wire
Material	Phosphor bronze alloy plated with 50 micro-inch of gold over 70~100 micro-inch of nickel
<b>Rear Terminals</b>	
Terminal Type	IDC
Material	Phosphor bronze alloy with 100 micro-inch 100% Sn alloy
Physical Ranges	
Housing Shell	Brass alloy plated with 100 micro inch nickel
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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