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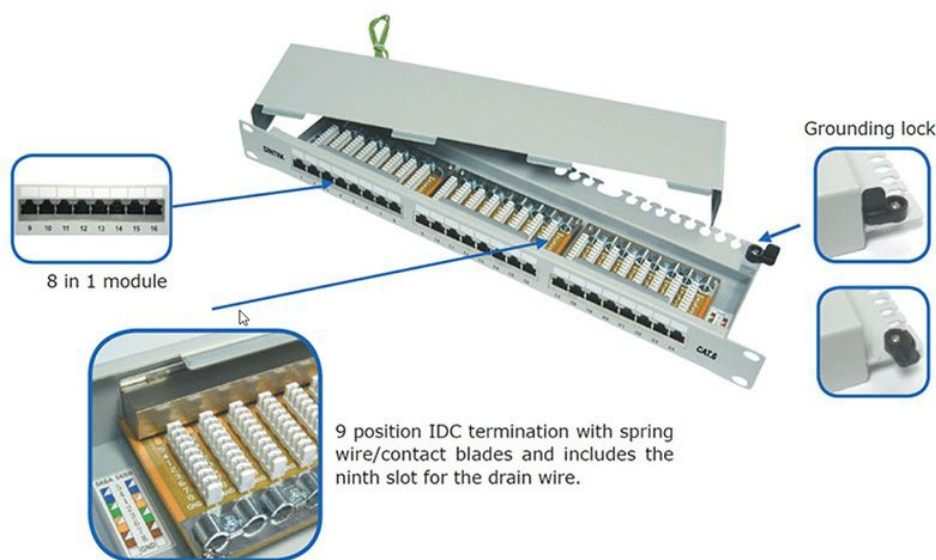
PowerMAX 1U 24P Cat.6 FTP Patch Panel

The DINTEK PowerMAX™ Category 6 solutions are guaranteed to exceed ClassE channel specifications as set down in International standards.

Our PowerMAX™ shielded solution comprises Category 6 component compliant patch panels, keystones and patch cords. When combined with DINTEK's Category 6 FTP * 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 Category 6 cable is the perfect solution to your voice and data communications needs.

Features

- Meet all category 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.
- Accept 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	Packing
1402-04033	Cat.6 24 Port Shielded Patch Panel	1 pcs/box - 10 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
	High-impact, Flame-Retardant plastic, UL94V-0 rated

Rear Terminals

Terminal Type	Dual IDC (110/Krone)
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	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 Meg Ω 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 m Ω Max.
Voltage/Current Rating	1.5 AMPS at 20°C
IDC Contact Resistance	2.5 m Ω Max

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