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PowerPRO 1U 24P Cat.5e UTP Patch Panel

DINTEK's PowerPRO™ enhanced Cat.5e UTP Patch Panels are designed for high performance, durability and ease of installation. Available in 24 and 48 port configurations, these panels come in both channel and component-level performance options. All panels are fully tested and comply with the latest published TIA and ISO guidelines.

DINTEK PowerPRO™ Patch Panel products offer enhanced performance for video applications attributed to its return loss and next performance. The patch panels allow users total flexibility between host and user devices within the cabling network and can support many different known or currently existing protocols by use of suitable baluns or adaptors.

Together, as part of the 25 Year Certified Cabling Solution, DINTEK's enhanced Cat.5e patch panels provide you with performance and reliability you can rely on.

Features

- Meets all Cat.5e connecting hardware performance requirements specified in TIA/EIA-568-B.2
- 110 type and Krone type IDC termination
- 19" 24 port patch panel, 1U size & 48 port panel, 2U size
- Accepts 22~26AWG, stranded or solid wire
- Optional rear cable management

Standards Conformance

- UL, ETL verified
- ANSI/TIA-568-2.D
- ISO / IEC 11801
- EN 50173

Compatible Product

Rear Management Panel - 1499-00001



Applications

- Voice
- ISDN
- 10Base T (IEEE 802.3)
- Fast Ethernet (IEEE802.3)
- 100Vg-AnyLAN (IEEE 802.12)
- Token Ring (IEEE 802.5)
- TP-PMD (ANSI X3T9.5)
- 100Base-T Ethernet (IEEE 802.3u)
- 155/622 Mbps ATM
- 1000Base-T
- 550 MHz Broadband video



Ordering Information

Product Number	Product Name	Qty / Box	Qty / CTN
1402-03019	1U 24 Port Cat.5e UTP Patch Panel, Component level	1	25
1402-03020	2U 48 Port Cat.5e UTP Patch Panel, Component level	1	25
1499-00001	19" Rear cable management (compatible with 1402-03019 & 1402-03020 Patch Panel)	1	25

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

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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