

**DIGISOL™****CAT6A**

STRUCTURED CABLING SYSTEMS

DIGISOL Patch Panel, 24 Port, Cat6A, UTP, 90°

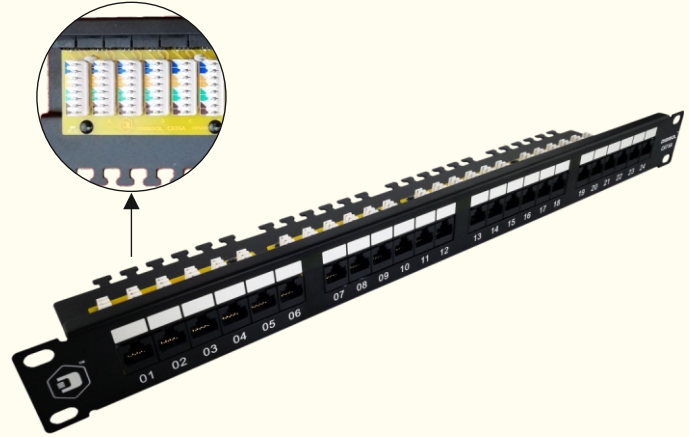


Introduction:-

DIGISOL Category 6A UTP Patch Panel is a elegant design patch panel. The panel has single piece structure design combined with both 24 port panel and cable management. The panel has 90 Degree (Top Entry) punch down design for convenient network terminations. These patch panels with integral cable management shelf ensures proper bend radius compliance. Exceeds ANSI/TIA-568-C.2 Standard and supports 10G-Base-T.

Key Features:-

- 90 Degree (Top Entry) punch down design for convenient network terminations
- Ease of cable routing is assured with built in rear cable management
- 6x4 module krone type designed jack configuration
- Easily removable module design
- 1U standard 19 inch rack mounted
- Easy port labeling identification
- Compatible with T568A or T568B wiring schemes
- Accommodates 22~26 AWG Stranded and Solid Copper Wires



Technical Specifications:-

Electrical:-

Current Rating	: 1.5 Amps
Insulation Resistance	: $\geq 500M\Omega$
Contact Resistance	: $\leq 10m\Omega$
DC Resistance	: $\leq 0.1\Omega$
DC/AC Volt Endurance	: DC 1000V/AC 750V 1 Min

Mechanical:-

Plug Insertion Life	: ≥ 750 Cycles with FCC Compliant RJ-45 Plug
Plug & Jack Contact Force	: ≥ 100 Grams with FCC Compliant RJ-45 Plug
Plug Retention Force	: ≥ 11 lbf
Durability	: 200 Termination Cycles
Operating Temperature	: -10 °C to +60 °C
Operating Humidity	: 10% to 90% RH
Storage Temperature	: -40 °C to +68 °C

Physical:-

Panel Frame	: SPCC graded Cold Rolled Steel Powder Coated In Black Color
Housing	: High Impact Flame Retardant Plastic, Polycarbonate (UL 94V-0 Rated)
PCB	: FR4, 1.6mm Thickness
Jack Wire Terminals	: 0.40mm Phosphor Bronze (Base Material), 30 μ " gold plating over 40 μ " ~ 80 μ " nickel plating
Jack Configuration	: 6x4 Module Special Design
IDC Conductor	: 0.5 mm Phosphor Bronze (Base Material), 100 μ " Tin Plating
Panel Size	: 483mm x 82mm x 44.3mm (L x W x H)
IDC Contact Compatibility	: 22~26 AWG Stranded and Solid copper wires
Labelling	: Printed white rectangular blocks with ports numbered for identification

Standard Verification:-

- ANSI/TIA-568-C.2
- ISO/IEC 11801:2002/AMMD.2:2010
- ISO/IEC 60603-7 Compliant
- RoHS Directive 2002/95/EC/Compliant

Ordering Information:-

Part Codes	Description
DGC-PPAU2L-1B	DIGISOL Patch Panel, 24 Port, Cat6A, UTP, 90°

