



# STRUCTURED CABLING SYSTEMS

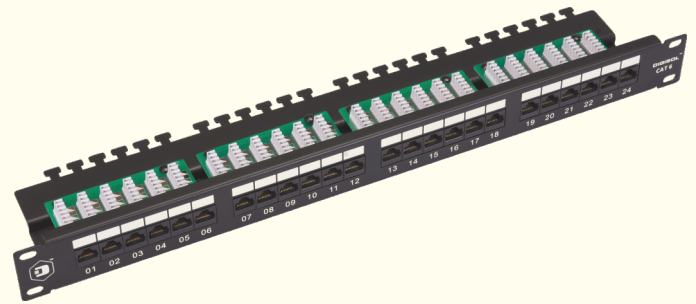
## DIGISOL Patch Panel, 24 Port, Cat6, UTP, 90°

### Introduction:-

DIGISOL Category 6 UTP Patch Panel is 90 Degree (Top Entry) Punch Down Design For Convenient Network Terminations. DIGISOL Patch Panels Have Integral Cable Management Shelf Ensured For Bend Radius Compliance. Exceeds ANSI/TIA/EIA-568-C.2 Standard and Supports 1000-Base-T.

### Key Features:-

- 90 Degree (Top Entry) Punch Down Design for Convenient Network Terminations
- Ease of Installation is assured with built in Rear Cable Management
- 6x4 Module Specially Designed Jack Configuration
- Removable Module Design
- 1U Patch Panel to Mount In any Standard Rack
- Easy Port Labeling Identification Provision
- Accommodates 22~26 AWG Stranded and Solid Wires



### Technical Specifications:-

#### Electrical:-

- Current Rating : 1.5amps
- Insulation Resistance :  $\geq 500\text{m}\Omega$
- Contact Resistance :  $\leq 10\text{m}\Omega$
- DC Resistance :  $\leq 0.1\Omega$
- DC/AC Volt Endurance : DC 1000V/AC 750V 1 Min

#### Mechanical:-

- Plug Insertion Life :  $\geq 750$  Cycles with FCC Compliant RJ-45 Plug
- Plug & Jack Contact :  $\geq 100$  Grams with FCC Compliant RJ-45 Plug Force
- Plug Retention Force :  $\geq 11$  LBF
- Durability : 200 Termination Cycles
- Operating Temperature : -10 Degree ~ 60 Degree
- Operating Humidity : 10% ~ 90% RH
- Storage Temperature : -40 Degree ~ 68 Degree

#### Physical:-

- Panel Frame : SPCC Powder Coating In Black Color
- Housing : High Impact Flame Retardant Plastic, UL 94V-0 Rated
- PCB : FR4, 1.6mm Thickness
- Jack Wire : 30 microns Phosphor Bronze Gold Over Nickel Plating
- Jack Configuration : 6x4 Module Special Design
- IDC Conductor : 0.5 mm Phosphor Bronze, Tin Plating
- Contact Compatibility : 22~26 AWG Stranded and Solid Wires

### Standard Verification:-

- ANSI/TIA-568-C.2
- ISO/IEC 11801:2002/AMMD.2:2010
- YD/T 926.3-2009
- ISO/IEC 60603-7 Compliant
- RoHS Directive 2002/95/EC/Compliant
- UL Listed, ETL Verified



### Ordering Information:-

DGC-PP6U2L-1B

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DIGISOL is a Subsidiary of Smartlink Holdings Limited

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