Copper Patch Panel

Cat6A 24 Port Patch Panel Loaded

Description

DuraNet Category 6A Patch Panel is 180 Degree Punch Down Design for Convenient Network Terminations. DuraNet Patch Panels have integral cable management bar to ensure the bend radius compliance. Exceeds ANSI/TIA/EIA-568.2-D Standard and Supports 10G-Base-T.

- 180-degree Punch Down Design.
- Individual replaceable keystone jacks.
- With wiring colour code T568-A and B
- Keystone Jack Contact spring with phosphor bronze alloy, plated with gold.
- 1U Patch Panel to mount in any standard rack.
- Port Labeling for identification
- Accommodates 22-26AWG Stranded and Solid wires.

Technical data

Physical:

Description	Values
Panel Frame	SPCC Powder Coating in Black Color
Housing	High Impact Flame Retardant Plastic, UL 94V-0 Rated
Jack Wire	50micron Phosphor Bronze Gold over Nickel Plating.
IDC Conductor	0.5mm Phosphor Bronze, Tin Plating
Contact Compatibility	22-26AWG Stranded and Solid wires.

Electrical:

Description	Values
Current Rating	1.5amps
Insulation Resistance	≥ 500mΩ
Contact Resistance	≤ 10mΩ
DC Resistance	≤ 0.1Ω
DC/AC Volt Endurance	DC 1000V/AC 750V 1Min

Mechanical :

Description	Values
Plug Insertion Life	≥ 750 Cycles with FCC Compliant RJ-45 Plug
Plug and Contact Force	≥ 100 Grams with FCC Compliant RJ-45 Plug
Plug Retention Force	≥ 11lbf
Durability	200 termination cycle
Operating Temperature	-10ºC to +60ºC
Storage Temperature	-40ºC to +70ºC

Standard Verification:

- ANSI/TIA/EIA-568.2-D
- ISO/IEC 11801:2002
- ISO/IEC 60603-7 Compliant
- RoHS Compliant
- Compliant to EIA-310 std.

Ordering information

Description	Item number
Cat6A 24 Port Loaded Patch Panel	DNC-PPC6AU1U-24L