

Category 6A Staggered Patch Panel, Loaded -1U



Staggered Patch Panel - C6A, 1U offers fast and reliable installation designed for 10G transmission requirement. The staggered design reduces Alien Crosstalk to support IEEE 802.3an and ANSI/TIA 568.2-D. Each port of the panel is numbered and having designated label area for clear port identification.

Features

- Staggered design reduces Alien Crosstalk
- 19" RJ-45 Patch Panel with 24 ports on 1U
- Strain relief and cable management
- Universal wiring - T568 A or B wiring pattern
- Including grounding bolt
- ANSI/TIA-568.2-D

Mechanical Specifications

Panel	: Metal SPCC
Cabling Sequence	: T568A & B
Testing Condition of Transmitting Capability	: 500MHz
Panel Thickness	: 1.5mm
Panel Color	: Black
Each port Numbering	: Yes
Grounding	: Yes
Jack Type	: Shielded
Jack Contact Material	: Phosphor Bronze, Tin (8Pins- Gold Plating)
Plastic Housing	: PCUL94 V2
Plug Insertion Life (RJ 45 Contacts)	: ≥ 750 Cycles
Plug and Jack Contact Force	: ≥ 100 Grams with FCC Compliant RJ-45 Plug
Plug Retention Force	: ≥ 15Nm
Durability (IDC Life)	: 200 termination cycles

Electrical Specifications

Insulation Resistance	: ≥ 500mΩ
Contact Resistance	: ≤ 10mΩ
Current rating	: 1.5 Amps

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DC Resistance	: $\leq 0.1\Omega$
DC/AC Volt Endurance	: DC1000V/AC750V 1min
Wiring Pattern at rear end	: T568A & T568B
Minimum Return loss	: 14
Maximum Insertion loss	: 0.45
Minimum NEXT loss	: 34
Minimum FEXT loss	: 29.1
Minimum TCL	: 14
Minimum TCTL	: 14
Propagation Delay	: <2.5 ns
Propagation Delay Skew	: <1.25 ns
Minimum PSANEXT loss	: 56.5
Minimum PSAFEXT loss	: 53

Environmental Specifications

Operating Temperature	: -40°C to $+70^{\circ}\text{C}$
Storage Temperature	: -40°C to $+70^{\circ}\text{C}$
Humidity	: 10% - 90% RH

Regulatory Compliances/Certifications

- ETL Verified
- UL Listed
- RoHS Certified

Ordering Information

Product Code	Description
11320	Copper Panel Staggered Shielded C6A, 24Port Loaded 1U wire Manager Included