

# Category 6A High Density Patch Panel, Loaded - 0.5U



This 24 Port 0.5U High Density Outlet Panel delivers a high density offering with the benefit of a single row of keystone outlets. The single row of outlets means that the installation is straight forward and allows an individual outlet to be removed if required. As the panel is only 0.5U in height it allows, by using two panels together, the ability to present 48 keystone outlets in 1U of rack space. Using two 0.5U panels ensures that the outlets are all aligned the correct way up.

## Features

- Complies to ANSI/TIA-568.2-D, ISO/IEC 11801
- High density placement, 24 ports in 0.5U
- Supplied with cable management bar
- Ideal for standard and pre-terminated installations
- Terminating 4 pairs, 22-26 AWG wires
- Universal labels color-coded for T568A and T568B wiring scheme
- Included grounding bolt
- Covered under 3C3® Performance Warranty

## Mechanical Specifications

Panel	: Metal SPCC
Testing Condition of Transmitting Capability	: 500MHz
Panel Thickness	: 2.5mm(Double Layer)
Panel Color	: Metallic
Each port Numbering	: Yes
Grounding	: Yes
Outlet Type	: Shielded
Outlet Contact Material	: Phosphor Bronze, Tin (8Pins- Gold Plating)
Inner Plastic Housing	: PCUL94 V2
Plug Insertion Life (RJ 45 Contacts)	: ≥ 750 Cycles
Plug and Outlet Contact Force	: ≥ 100 Grams with FCC Compliant RJ-45 Plug
Plug Retention Force	: ≥ 15Nm
Durability (IDC Life)	: 200 termination cycles
Width	: 19"(482.5mm)
Height	: 0.5U(22mm)
Depth	: 96mm

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## Electrical Specifications

Insulation Resistance	: $\geq 500\text{m}\Omega$
Contact Resistance	: $\leq 10\text{m}\Omega$
Current rating	: 1.5 Amps
DC Resistance	: $\leq 0.1\Omega$
DC/AC Volt Endurance	: DC 1000V/AC 750V for 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	: $< 2.5\text{ ns}$
Propagation Delay Skew	: $< 1.25\text{ ns}$
Minimum PSANEXT loss	: 56.5
Minimum PSAFEXT loss	: 53

## Environmental Specifications

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

## Regulatory Compliances/Certifications

- ETL Verified
- UL Listed
- RoHS Certified

## Ordering Information

Product Code	Description
16110	Copper Panel Shielded C6A, 24Port Loaded 0.5U, wire manager included