



CAT6A STP PATCH PANEL



CAT6A STP LOADED PATCH PANEL

APPLICATION

VeiNet Category 6A STP Loaded Patch Panels are available in 24-port and 48-port configurations and are designed for high-performance 10 Gigabit Ethernet networking applications. The panels are equipped with shielded RJ45 modules and support 22–26 AWG stranded and solid wires, compatible with both 110 & Krone punch down tools. The STP design provides enhanced protection against electromagnetic interference (EMI) and ensures stable signal transmission. The panels are mounted in standard 19" racks and comply with ANSI/TIA-568C.2 10G & ISO/IEC 11801 standards.

KEY FEATURES

- Available in 24 (1U) and 48 (2U) ports
- Hand screw, easy to open cover
- Eight port RJ45 modules applied
- Jack shutter to keep dust away
- Friendly installation, right angle between IDCs and RJ45 jacks
- ID stripes for identifying port allocations
- Mounts in standard 19" rack
- IDC suitable for 22–26 AWG stranded and solid wire
- Compatible with both 110 & Krone punch down tools
- Cat6A transmission performance compliant with ANSI/TIA/EIA 568C.2 10G & ISO/IEC 11801 standards
- RoHS / UL certified

TECHNICAL SPECIFICATIONS

- SECC steel panel with 1.2 mm thickness and optional painted finish
- Shielded RJ45 jack with PBT + Glass Fiber housing, UL94V-0 rated
- Phosphor Bronze contacts with Nickel plating and 50 μ Gold plated contact area
- IDC supports 22–26 AWG wires with PC + Glass Fiber housing and Tin plated terminals
- FR4 PCB with UL94V-0 rating and 18 AWG grounding wire included

ELECTRICAL / PERFORMANCE PROPERTIES

- T568A & T568B wiring scheme on PCB
- Insertion force: 30N max. (IEC 60603-7-5)
Retention strength: 7.7 kg between jack and plug
- Operating temperature: -10°C to 60°C
- Jack mating cycles: 750 cycles minimum
- IDC supports 22–26 AWG stranded and solid wire
- Compliant with ANSI/TIA/EIA 568C.2 10G & ISO/IEC 11801 standards

PART NUMBERS

VNETPP-SC6A-1724 — Cat6A UTP Loaded Patch Panel
VNETPP-SC6A-1748 — Cat6A UTP Loaded Patch Panel

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Release 01 (February 2026)