



## CAT6 STP PATCH PANEL



### CAT6 STP LOADED PATCH PANEL

#### APPLICATION

VeiNet Category 6 STP Loaded Patch Panels are available in 24-port and 48-port configurations and are engineered to deliver reliable high-speed Gigabit Ethernet performance for structured cabling systems. The panels are equipped with shielded RJ45 modules and support 22–26 AWG stranded and solid wires, compatible with both 110 and Krone punch-down tools. The STP construction provides enhanced protection against electromagnetic interference (EMI), ensuring stable and efficient signal transmission. Designed for standard 19" rack mounting, these patch panels comply with ANSI/TIA-568.2-D, ISO/IEC 11801, and RoHS standards.

#### KEY FEATURES

- Shielded Cat6 STP design
- Available in 24 & 48 ports
- Supports Gigabit Ethernet
- Gold-plated RJ45 contacts
- EMI interference protection
- 110 & Krone tool compatible
- Supports 22–26 AWG cables
- Standard 19" rack mountable
- Dust-protected shutter design
- Easy-open hand screw cover
- Port identification strips included
- High durability mating cycles
- Tin-plated IDC terminals
- Integrated grounding wire
- RoHS & UL certified

#### TECHNICAL SPECIFICATIONS

- Cat6 STP shielded patch panel
- 24-port and 48-port options
- Supports 22–26 AWG cables
- 110 & Krone tool compatible
- Gold-plated RJ45 contacts

#### ELECTRICAL / PERFORMANCE PROPERTIES

- T568A & T568B wiring schemes
- Insertion force: 30N max
- Retention strength: 7.7kg
- Operating temperature: -10°C to 60°C
- 750 mating cycles minimum
- ANSI/TIA/EIA 568B.2-1 compliant
- Supports Gigabit Ethernet transmission
- Enhanced EMI shielding performance

#### PART NUMBERS

VNETPP-SC6-1724 — Cat6A UTP Loaded Patch Panel

VNETPP-SC6-1748 — Cat6A UTP Loaded Patch Panel

#### Canscorp Engineers Private Limited

Shop no. 5, Adinath Alpine Building, Plot no. 28 A, Sector-25, Khandeshwar, Panvel, Navi Mumbai, Maharashtra 410209  
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