



## 16-Port Cat6A Shielded 1U Patch Panel

TC-P16C6AS (v1.0R)

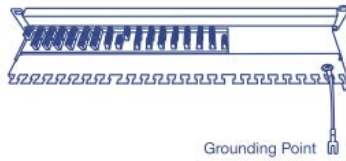
- 10G-ready rackmount 16-port 1U patch panel
- Cat6A patch panels deliver a steady connection to copper gigabit & 10G switches
- Shielded design to eliminate EMI and crosstalk
- Compatible with Cat5e, Cat6 and Cat6A cabling
- Color-coded labeling for T568A and T568B wiring schemes
- 110 IDC type terminal blocks (use 110 or Krone type tool)
- Use with TRENDnet TC-PDT Punch Down Tool (sold separately)
- Supports ANSI/EIA/TIA 568-B.2-1 and ISO/IEC 11801
- Supports ANSI/EIA/TIA 310-D, and EN50173-1
- 90° angle type
- Operating temperature: -25° – 50° C (-13° – 122° F)
- 2 year warranty

TRENDnet's 16-Port Cat6A Shielded 1U Patch Panel, model TC-P16C6AS, is ideal for gigabit and 10G Copper Ethernet network applications. This patch panel is perfect for use with Cat6A shielded cabling, which is specifically designed to eliminate EMI and crosstalk, ensuring peak performance and data integrity.



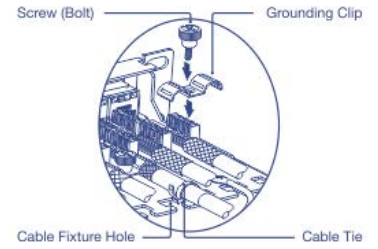
### Cat6A Performance

Cat6A cabling allows performance of up to 10Gbps speeds over Cat6A Ethernet cables.



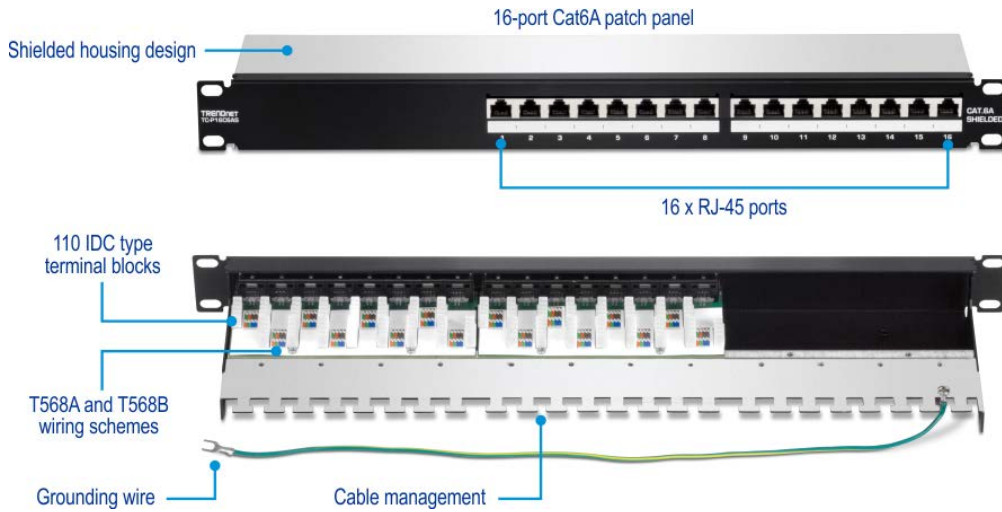
### Shielded Housing Design

19" 1U sturdy metal rackmount housing design protects against EMI/RFI noise for a more stable connection.



### Cable Management

Integrated cable management cover plate with convenient cable separation for better organization and reduced cable clutter.



## SPECIFICATIONS

### Standards

- ANSI/TIA/EIA-568-B.2-1
- ANSI/TIA/EIA-310-D
- EN50173-1: 2002
- ISO/IEC 11801 2nd edition: 2002

### Interface

- 16 x RJ-45 ports with 50 micron gold-plated 8P/8C contacts
- T568A/T568B wiring cards for Krone 110 termination with color-coded wiring diagram
- 90° IDC terminals
- Compatible with 22 – 26 AWG solid or stranded wire
- Integrated cable management
- SGCC steel construction
- 18 AWG grounding wire with screw terminal

### Electrical Specification

- Insulation resistance:  $\geq 500 \text{ M}\Omega$
- Dielectric Withstand Voltage: 1000V DC
- Contact resistance:  $\leq 20 \text{ M}\Omega$
- Current rating: 1.5A at 20° C (68° F)

### Mechanical Specification

- Contact force 99.2g (3.5 oz.)
- Plug retention force: 13.3kg (29 lb.)
- 110/ Krone IDC insertion force: min. 4.5kg (9.9 lb.)
- 110/ Krone IDC retention force: min. 0.5kg (1.1 lb.)

### Operating Temperature

- -25° – 50° C (-13° – 122° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 1U design
- 440 x 105 x 44.45mm (17.3 x 4.13 x 1.75 in.)

### Weight

- 1.6kg (3.5 lb.)

### Certifications

- CE
- FCC

### Warranty

- 2 year

### Package Contents

- TC-P16C6AS
- Quick Installation Guide
- Cable ties & screws