

## Cat 6 Angled 110-Style Patch Panels

### APPLICATION

Leviton Cat 6 Angled 110-Style Patch Panels are designed to increase capacity in industry-standard 19-inch racks and cabinets. The unique 128-degree shape easily routes cables into vertical cable managers, minimizing the need for additional horizontal cable management in racks. This system promotes long-term cable management and attractive cabling installations, and includes patented Retention Force Technology which promotes consistent performance over the life of the system. Leviton Cat 6 systems are designed for use in high-megabit applications such as Gigabit Ethernet.



69587-U24



69587-L48

### SPECIFICATION

Patch panels shall meet or exceed the requirements for channel- and component-level performance as described in ANSI/TIA-568.2-D Category 6 standards, as well as the Class E requirements described in ISO/IEC 11801. Panels shall feature both T568A and T568B wiring configurations, white IDC 110-punchdown modules, and color-coded front window labeling. Panels shall have universal T568A and T568B wiring card for termination. Panels shall be made of 14-gauge steel, and shall have a black painted finish with white silk-screening. Plastic elements shall be fire retardant with a UL flammability rating of 94V-0. Panels shall be offered in 24-port and 48-port configurations. The panels shall have a 128-degree angle to improve cable management. The panels shall be configured with six port modules. The 110 termination on the rear of the panels shall follow normal installation color sequence (blue, orange, green, brown) from left to right. The panels shall exceed IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously.

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### FEATURES

- Patented Retention Force Technology protects tines from damage and increases system longevity
- Craft-friendly installation
- Universal T568A and T568B wiring cards for 110-style IDC terminations
- Color-coded front labeling for easy port identification (ANSI/TIA-606-B compliant)
- Terminates 26-22-gauge solid conductors
- Capable of multiple re-terminations
- Features a 128-degree angled design
- Panel available with patented magnifying lens label holder for easy reading
- Will exceed IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3bt Type 4 PoE (90-watt) applications

### DESIGN CONSIDERATIONS

- Mounts on 19-inch equipment racks
- Panel offered in 24-port and 48-port configurations
- Connector modules are in groups of six
- Optional angled rear cable management bar (sold separately)

### STANDARDS COMPLIANCE

- ANSI/TIA-568.2-D (Cat 6)
- ISO/IEC 11801
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 60512-99-002
- cULus Listed
- IEEE 802.3bt PoE Type 1 (15.4 Watts) formerly 802.3af, Type 2 (30 Watts) formerly 802.3at, Type 3 (60 Watts), Type 4 (90 Watts)
- Cisco UPoE (60 Watts), UPoE+ (90 Watts)
- Power over HDBaseT™ PoH (95 Watts)

### PHYSICAL SPECIFICATIONS

Dimensions: See page two  
Capacity: 24 ports and 48 ports  
Materials: 14-gauge steel, painted black; PCB and plastic components are rated per UL 94V-0

### COUNTRY OF ORIGIN

USA

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

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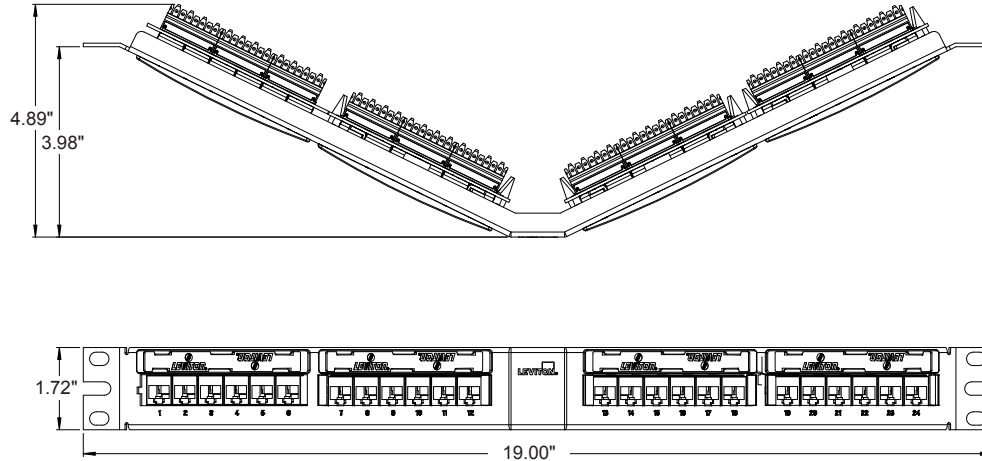
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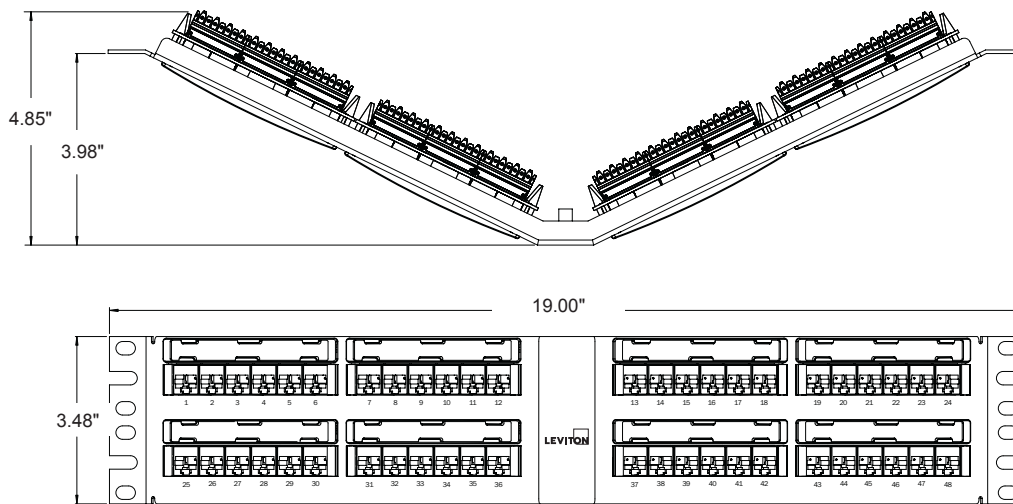
**ELECTRONIC FILES**

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).

69587-U24, 69587-L24



69587-U48, 69587-L48



**PART NUMBER**

**Description**

**Part No.**

Cat 6 Angled 110-Style Patch Panel, 24-Port, 1RU	69587-U24
Cat 6 Angled 110-Style Patch Panel with magnifying lens label holder, 24-Port, 1RU	69587-L24
Cat 6 Angled 110-Style Patch Panel, 48-Port, 2RU	69587-U48
Cat 6 Angled 110-Style Patch Panel with magnifying lens label holder, 48-Port, 2RU	69587-L48

