

## eXtreme® CAT 6+ Recessed Angled 110-Style Patch Panel

### APPLICATION

Leviton's eXtreme CAT 6+ Recessed Angled 110-Style Patch Panel is designed to increase rack density on industry standard 19" racks and cabinets. The unique dual-angle design easily routes cables into vertical cable managers, minimizing the need for additional horizontal cable management. This system promotes long term cable management and attractive cabling installations. The connectors include Leviton's patented Retention Force Technology, which promotes consistent performance over the life of the system. Leviton's eXtreme CAT 6+ systems are designed for use in high megabit applications such as Gigabit Ethernet.



### SPECIFICATION

The patch panel shall meet or exceed the requirements for Category 6 described in ANSI/TIA 568-C.2 as well as the Class E requirements described in ISO/IEC 11801. The panel shall feature both T568A and T568B wiring configurations, white IDC 110-punchdown modules, and color-coded front window labeling. The panel shall have universal T568A and T568B wiring card for termination. The panel shall be made of 16-gauge steel, and shall have a black painted finish with white silk-screening. The plastic elements shall be fire-retardant with a UL flammability rating of 94V-0. The panel shall be offered in 48-port configurations. The panel shall have dual angle to promote improved cable management. The patch panel shall be configured with six port modules. The 110 termination on the rear of the panel shall follow normal installation color sequence (blue, orange, green, brown) from left to right.

### FEATURES

- Patented Retention Force Technology protects tines from damage from 4- or 6-pin plugs
- 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 AWG solid conductors
- Capable of multiple reterminations
- Improved accessibility brings termination field closer to installer for easier termination
- Low profile provides more aisle space in closets
- Unique dual-angle design reduces cable bend radius and keeps terminations within a standard 3" depth rack

### DESIGN CONSIDERATIONS

- Mounts on 19" equipment racks
- Panel offered in 48-Port configuration
- Connector modules are in groups of six
- Optional recessed angled rear cable management bar (sold separately)

### STANDARDS COMPLIANCE

ANSI/TIA-568-C.2  
ISO/IEC 11801  
ANSI/TIA-1096-A (formerly FCC Part 68)  
cULus Listed

### PHYSICAL SPECIFICATIONS

Dimensions: See page 2  
Capacity: 48-port  
Materials: 16-gauge steel, painted black; PCB and plastic components are rated per UL 94V-0

### COUNTRY OF ORIGIN

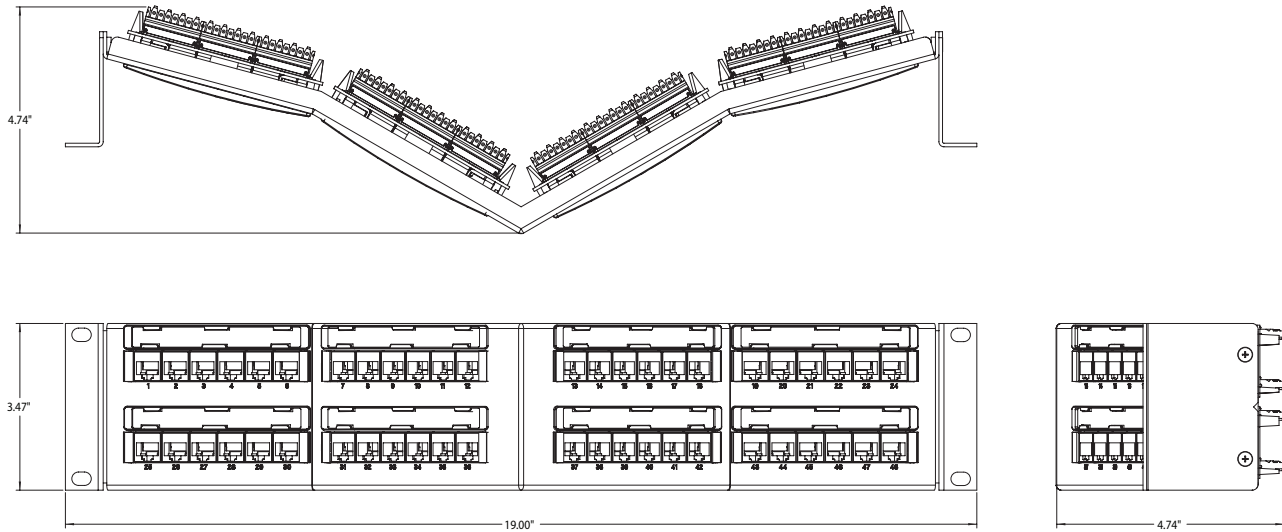
USA

### WARRANTY INFORMATION

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

**ELECTRONIC FILES**

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



**6W587-U48**

**PART NUMBERS**

| Description  | Part No.  |
|--|-----------|
| eXtreme CAT 6+ Recessed Angled 110-Style Patch Panel, 48-port, 2RU | 6W587-U48 |



**Leviton Network Solutions**  
2222 - 222nd St. SE  
Bothell, WA 98021-4416

**Asia / Pacific**  
T +1.631.812.6228  
E [infoasean@leviton.com](mailto:infoasean@leviton.com)

**Canada**  
T +1.514.954.1840  
E [pcservice@leviton.com](mailto:pcservice@leviton.com)

**Caribbean**  
T +1.954.593.1896  
E [infocaribbean@leviton.com](mailto:infocaribbean@leviton.com)

**China**  
T +852.2774.9876  
E [infochina@leviton.com](mailto:infochina@leviton.com)

**Colombia**  
T +57.1.743.6045  
E [infocolombia@leviton.com](mailto:infocolombia@leviton.com)

tel 1-800-824-3005  
tel +1-425-486-2222  
[appeng@leviton.com](mailto:appeng@leviton.com)  
[www.leviton.com](http://www.leviton.com)

**Europe**  
T +33.6.8869.1380  
E [infoeurope@leviton.com](mailto:infoeurope@leviton.com)

**India / SAARC**  
T +91.80.4322.5678  
E [infoindia@leviton.com](mailto:infoindia@leviton.com)

**Mexico**  
T +52.55.5082.1040  
E [lsamarketing@leviton.com](mailto:lsamarketing@leviton.com)

**Middle East & Africa**  
T +971.4.886.4722  
E [lmeinfo@leviton.com](mailto:lmeinfo@leviton.com)

**South Korea**  
T +82.2.3273.9963  
E [infokorea@leviton.com](mailto:infokorea@leviton.com)