

## eXtreme® 6+ Angled Patch Panel

### APPLICATION

Leviton's eXtreme 6+ Angled Patch Panels are 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 and includes Leviton's patent pending "Retention Force Technology" which promotes consistent performance over the life of the system. Leviton's eXtreme 6+ systems are designed for use in high megabit applications such as Gigabit Ethernet.



### SPECIFICATION

The angled patch panel shall meet or exceed the requirements for Category 6 described in TIA/EIA-568-B.2-1 as well as the Class E requirements described in ISO/IEC 11801-B. The panels shall feature both T568A and T568B wiring configurations, white IDC 110-punchdown modules, mounting standoffs for cable management bars, and color-coded front window labeling. The panels shall have universal T568A and T568B wiring card for termination. The panels 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

- Includes "Retention Force Technology"
- Craft-Friendly Installation
- Universal T568A and T568B wiring cards for 110-style IDC terminations
- Color-coded front labeling for easy port identification (TIA-606-A compliant)
- 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

- Color coded front window labeling for easy port identification
- Mounts on industry standard 19" equipment racks
- Panel offered in 48-Port configuration
- Connector modules are in groups of six
- Optional angled rear cable management bar

### STANDARDS COMPLIANCE

eXtreme 6+ system components meet or exceed the Category 6/ Class E requirements for channel/component level performance per TIA/EIA-568-B.2-1 and ISO/IEC 11801-B. Components certified per cULus, NOM and ACA requirements.

### PHYSICAL SPECIFICATIONS

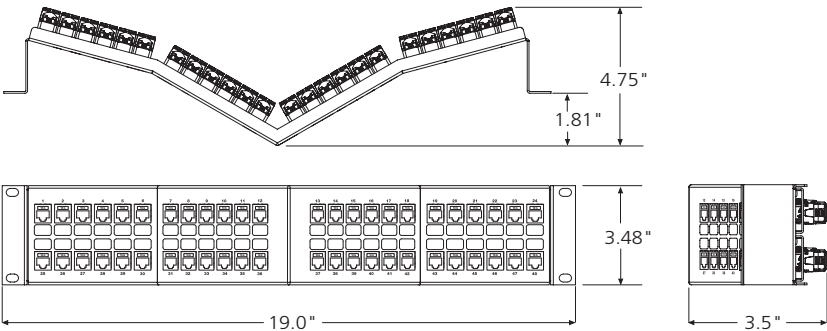
Dimensions: 3.48" H x 19.0" W x 4.75" D  
Capacity: 48-port  
Materials: 16 gauge steel, painted black; PCB and plastic components are rated per UL 94V-0

### WARRANTY INFORMATION

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

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 6+ Angled Patch Panel, 48-port	6W587-U48



<b>Leviton Network Solutions</b> 2222 - 222nd St. SE Bothell, WA 98021-4416  tel 1-800-824-3005 tel +1-425-486-2222 <a href="mailto:appeng@leviton.com">appeng@leviton.com</a> <a href="http://www.leviton.com">www.leviton.com</a>	<b>Asia / Pacific</b> T +1.631.812.6228 E <a href="mailto:infoasean@leviton.com">infoasean@leviton.com</a>	<b>Canada</b> T +1.514.954.1840 E <a href="mailto:pcservice@leviton.com">pcservice@leviton.com</a>	<b>Caribbean</b> T +1.954.593.1896 E <a href="mailto:infocaribbean@leviton.com">infocaribbean@leviton.com</a>	<b>China</b> T +852.2774.9876 E <a href="mailto:infochina@leviton.com">infochina@leviton.com</a>	<b>Colombia</b> T +57.1.743.6045 E <a href="mailto:infocolombia@leviton.com">infocolombia@leviton.com</a>
	<b>Europe</b> T +33.6.8869.1380 E <a href="mailto:infoeurope@leviton.com">infoeurope@leviton.com</a>	<b>India / SAARC</b> T +91.80.4322.5678 E <a href="mailto:infoindia@leviton.com">infoindia@leviton.com</a>	<b>Mexico</b> T +52.55.5082.1040 E <a href="mailto:lsamarketing@leviton.com">lsamarketing@leviton.com</a>	<b>Middle East &amp; Africa</b> T +971.4.886.4722 E <a href="mailto:lmeinfo@leviton.com">lmeinfo@leviton.com</a>	<b>South Korea</b> T +82.2.3273.9963 E <a href="mailto:infokorea@leviton.com">infokorea@leviton.com</a>