

Universal GigaMax™ 5e Patch Panels

APPLICATION

For modular cross-connection of Enhanced Category 5 UTP structured cabling systems. Uses include high megabit applications such as Gigabit Ethernet and 622 Mbps ATM. Mounts to 19" distribution frames or hinged wall-mount brackets, 110 termination.

STANDARDS COMPLIANCE

Meets all applicable standards: UL Listed; meets or exceeds all TIA/EIA-568-B requirements; and meets FCC Part 68.

PHYSICAL SPECIFICATIONS

Materials:	16 gauge steel, painted black, with white write-on blocks. PCB and plastic components are rated UL 94V-0.
Dimensions:	12, 16, 24 Port - 1.75"H x 19"W x 1.31"D
	32, 48 Port - 3.5"H x 19"W x 1.31"D
	64, 96 Port - 7.0"H x 19"W x 1.31"D

DESIGN CONSIDERATIONS

- Connector modules of the 12, 24, 48 & 96 port panels are in groups of six.
- Connector modules of the 16, 32, & 64 port panels are in groups of four.
- Mount on 19" wide equipment racks, or hinged wall mount brackets (PN# 49251-W6X).
- Recommendation: use 49258-TWB as alternative to improve cable containment, accessibility and performance.
- Use port ID kit (included) to identify cable terminations per TIA/EIA-606 requirements.
- Specify wire management panels between patch panels. See Part Numbers 49252-xxx & 49253-xxx.

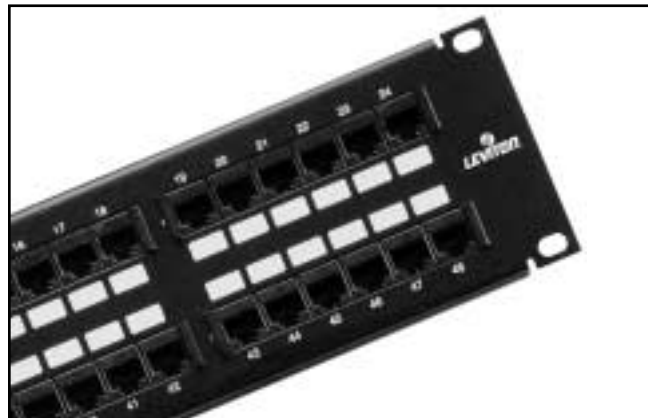
INSTALLATION NOTES

- Limit wire untwisting to 1/2" from termination point.
- Limit cable jacket removal to a minimum.
- Maintain cable bend radius standard (4x the cable diameter).
- Don't over-stress cable tie downs.

UNIQUE FEATURES

- Panels are Universal panels that allow wiring of either T568A or T568B wiring with a flip of the wiring card.
- Wiring card label on back of panel also designates layout for 25-pair wiring.

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

TYPICAL SPECIFICATION

Patch panels shall be UL listed, meet or exceed TIA/EIA-568-B Category 5e requirements, and meet FCC Part 68. Panels shall be 19" wide to fit standard racks and wall mount brackets, and have a rolled edge design for rigidity. Connections shall comply with TIA/EIA 568-B instructions for Category 5e termination practices. Panels shall provide labeling for ports on the patch panel (in accordance with the project scheme), and shall have a removable port identification strip that is visible with cords in place. The manufacturer shall provide a one-year limited product warranty and a 15-year product performance guarantee. The manufacturer shall provide a lifetime warranty against defects in material and workmanship, and an application guarantee when installed as part of a certified system.

WARRANTY INFORMATION

- One-year limited product warranty and a 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime as part of Leviton's Certified Cabling System.



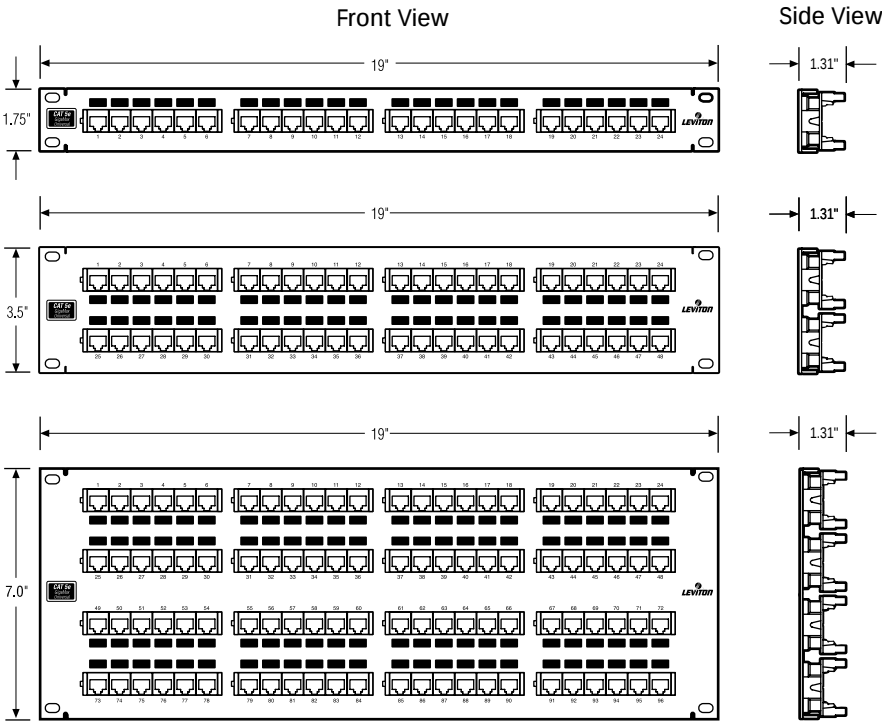
For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082
Spec sheets and updates are also available at www.levitonvoicedata.com.

Universal GigaMax™ 5e Patch Panels

Part Number
5G584-Uxx

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DIMENSIONAL LINE ART
See ELECTRONIC FILES for CAD images
(.DXF, .DWG, MS-DOS.EPS)



PART NUMBERS

Universal GigaMax™ 5e Patch Panels		Part No.
12-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U12
16-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U16
24-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U24
32-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U32
48-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U48
64-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U64
96-port (1.75"H x 19.0" W)	T568A/T568B	5G584-U96



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