LEVITON

6910G-U24, 6910G-U48

Cat 6A Flat QuickPort® Patch Panels

APPLICATION

Cat 6A Flat QuickPort Patch Panels exceed all channel performance requirements in ANSI/TIA-568.2-D and ISO 11801 Class E_A from 1 MHz to 500 MHz to support the IEEE 802.3an standard for 10 Gigabit Ethernet over UTP cable. Patch panels are designed for use on standard 19-inch racks and cabinets. Panels include patented Retention Force Technology to promote consistent performance over the life of the system and the patented Cone of Silence, which eliminates alien crosstalk (AXT) from adjacent connectors. The unique configurable panel design allows for combining multiple QuickPort connectors to mix media (copper, fiber, coax) to meet specific customer requirements, and is designed for use in high-megabit applications such as 10 Gigabit Ethernet.

SPECIFICATION

Patch panels shall meet or exceed the channel requirements for Cat 6A described in ANSI/TIA-568.2-D and ISO 11801, and shall be packed with the appropriate number of Cat 6A connectors. Connectors shall feature both T568A and T568B wiring configurations, mounting standoffs for cable management bars, and front write-on labeling. 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. Panels shall be offered in 24- and 48-port configurations. Panel shall have the ability to allow for single port replacement of inoperative ports.

FEATURES

• Cone of Silence helps suppress alien crosstalk (AXT)
• Retention Force Technology provides durability for demanding applications
• Pair Separation Towers facilitate separation of Cat 6A conductors
• Universal T568A and T568B wiring labels for 110-style IDC terminations
• Kitted with eXtreme® Cat 6A connectors (black)
• Write-on labeling areas adjacent to connectors

DESIGN CONSIDERATIONS

• Mounts on 19-inch equipment racks
• Panel offered in 24- and 48-port configurations

STANDARDS COMPLIANCE

• ANSI/TIA-568.2-D
• ISO 11801 Class E_A
• cULus Listed
• ANSI/TIA-1096-A (formerly FCC Part 68)
• IEEE 802.3at (Type 1) Power over Ethernet (PoE) applications up to 15.4 watts
• IEEE 802.3at (Type 2) Power over Ethernet (PoE+) applications up to 30 watts
• IEEE Draft 802.3bt (Type 3) Power over Ethernet (PoE+) applications up to 60 watts
• IEEE Draft 802.3bt (Type 4) Power over Ethernet (PoE+) applications up to 100 watts

PHYSICAL SPECIFICATIONS

Dimensions: See page two
Capacity: 24 and 48 ports
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.

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

Front View   Side View

6910G-U24

Front View   Side View
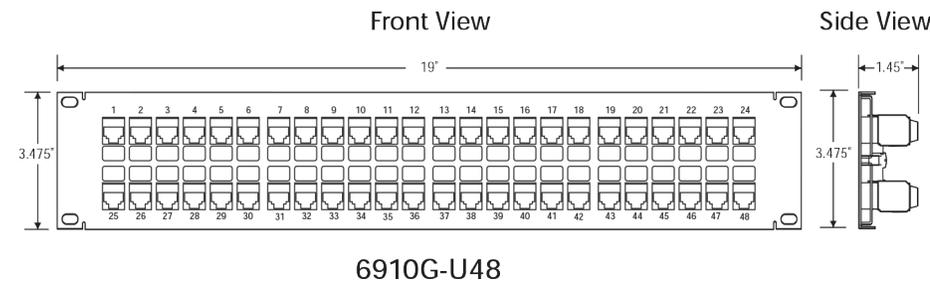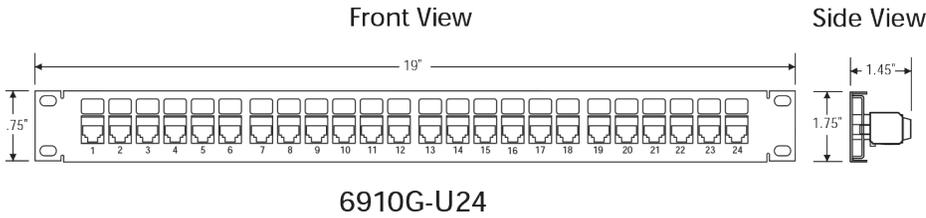
6910G-U48

PART NUMBERS	
Description	**Part No.**
Cat 6A Flat QuickPort® Patch Panel, 24 ports, 1RU	6910G-U24
Cat 6A Flat QuickPort Patch Panel, 48 ports, 2RU	6910G-U48

ISO 9001 REGISTERED Quality Manufacturer

K18 7443

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Released November 2018