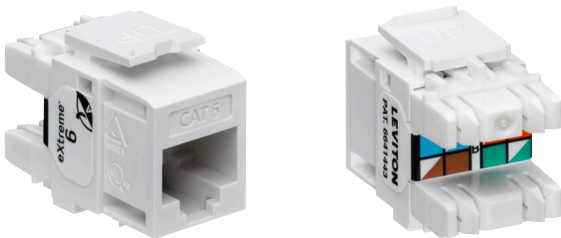# LEVITON

# eXtreme® Cat 6 Component-Rated UTP QuickPort® Connector

**61110-xx6**

## APPLICATION

The eXtreme Cat 6 connector is designed to be used with all QuickPort compatible products. The connector includes patented Retention Force Technology which promotes consistent performance over the life of the system. It features unique pair separation towers allowing for quicker and easier terminations. The connector is built on a 180-degree configuration with the punch field in the back, allowing for rear termination.

## SPECIFICATION

The connector shall meet or exceed the requirements for channel and component-level performance described in ANSI/TIA-568-C.2 Category 6 standards. The connector shall be individual snap-in style. The connectors shall also be in compliance with all National Electrical Codes; compliant with ANSI/TIA-1096-A; UL listed; and independently verified. In addition to Category 6 compliance, the connector shall have the ability to support high megabit and shared-sheath applications. All plastics used in construction of the connector bodies shall be fire retardant with a UL flammability rating of 94V-0. Termination of all connectors shall be 110-type insulation displacement connectors (IDC). The connector shall provide a ledge directly adjacent to the 110-style termination against which the wires can be terminated and cut in one action by the installation craftsperson. Connector wiring is universal and will accommodate installation color codes for T568A and T568B wiring schemes. The termination field shall be in the rear for easy access. The connector shall fit in a variety of telecommunications wallplates, outlets, and field-configurable patch panels and patch blocks.

## FEATURES

- Terminates 26-22 gauge solid conductors
- Capable of multiple re-terminations
- Gas-tight IDC connectors prevent corrosion
- Dual-layer T568B/T568A wiring label simplifies punchdown
- Patented Retention Force Technology protects tines from damage and increases system longevity
- Pair Separation Tower design facilitates separation of conductors and minimizes untwisting
- 180-degree configuration allows for rear termination
- Available in 13 ANSI/TIA-606-B compatible colors for color coding or organization
- Available individually, in bulk packages of 25, and in bulk packages of 150 with a JackRapid™ Punchdown Tool

## DESIGN CONSIDERATIONS

- Use in any QuickPort housing to support eXtreme Cat 6 UTP connectivity in surface-mount, flush-mount, or modular furniture outlets and field-configurable panels
- Can be used in conjunction with other QuickPort snap-in modules for voice/data and video applications over UTP, coax, and fiber

## STANDARDS COMPLIANCE

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

## PHYSICAL SPECIFICATIONS

Dimensions: See page two

Materials: **Connector Body:** High-impact, fire-retardant plastic rated UL 94V-0.

**Spring-Wire Contacts:** High-quality copper-based alloy, plated with 50 micro-inches of gold over 100 micro-inches of nickel for lowest contact resistance, maximum life.
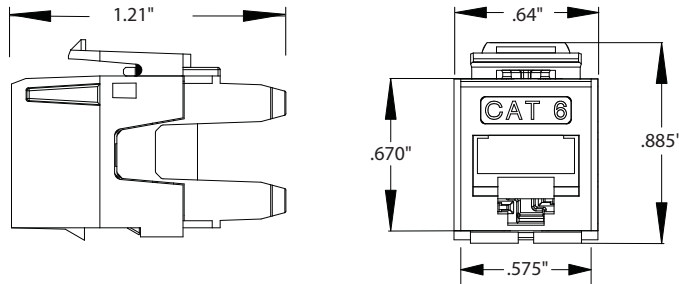
## COUNTRY OF ORIGIN

USA

## WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

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**LEVITON**

**61110-xx6**

## ELECTRONIC FILES

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



| ANSI/TIA-568-C.2 CAT 6 PARAMETERS | Connecting Hardware Requirements | |
|---|---|---|
| | @ 100MHz | @ 250MHz |
| Insertion Loss (IL) | 0.20 | 0.32 |
| Near-end Crosstalk (NEXT) | 54.0 | 46.0 |
| Far-end Crosstalk (FEXT) | 43.1 | 35.1 |
| Return Loss (RL) | 24.0 | 16.0 |
| Transverse Conversion Loss (TCL) | 28.0 | 20.0 |
| Transverse Conversion Transfer Loss (TCTL) | 28.0 | 20.0 |

*All requirements are minimum allowable except IL requirements are maximum allowable. Connecting hardware shall meet requirements of all parameters from 1-250 MHz. Values in above table are only at specific frequencies and are for references only.

## PART NUMBERS

| Description | Connector | QuickPack® 25/Bag | 150/Bag with JackRapid™ Tool |
|---|---|---|---|
| eXtreme® Cat 6 Component-Rated UTP QuickPort® Connector, white | 61110-RW6 | 61110-BW6 | 61110-JW6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, ivory | 61110-RI6 | 61110-BI6 | 61110-JI6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, orange | 61110-RO6 | 61110-BO6 | 61110-JO6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, blue | 61110-RL6 | 61110-BL6 | 61110-JL6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, black | 61110-RE6 | 61110-BE6 | 61110-JE6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, light almond | 61110-RT6 | 61110-BT6 | 61110-JT6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, grey | 61110-RG6 | 61110-BG6 | 61110-JG6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, crimson red | 61110-RC6 | 61110-BC6 | 61110-JC6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, yellow | 61110-RY6 | 61110-BY6 | 61110-JY6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, green | 61110-RV6 | 61110-BV6 | 61110-JV6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, purple | 61110-RP6 | 61110-BP6 | 61110-JP6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, brown | 61110-RB6 | 61110-BB6 | 61110-JB6 |
| eXtreme Cat 6 Component-Rated UTP QuickPort Connector, dark red | 61110-RR6 | 61110-BR6 | 61110-JR6 |

**ISO 9001 REGISTERED** Quality Manufacturer

L15 5941

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