LEVITON

Atlas-X1™ Cat 6 Component-Rated UTP QuickPort® Connector

APPLICATION

Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connectors support 1000BASE-T networks. The connector is part of a complete Atlas-X1 Cat 6 UTP system, ideal for the most demanding mission-critical network applications. The connector supports emerging technologies and will easily adapt to network trends.

SPECIFICATION

The connector shall meet or exceed all requirements for channel- and component-level performance as described in ANSI/TIA-568-C.2 for Category 6 standards, as well as Class E requirements described in ISO/IEC 11801. The connector shall comply with all National Electrical Codes, be compliant with ANSI/TIA-1096-A, be UL listed, and be independently verified. The connector body shall be made of die-cast zinc and all plastic components shall be made of high-impact, fire-retardant plastic rated UL 94V-0. The connector shall support tool-free termination/re-termination and shall not require a specialized termination tool. The connector wiring shall be universal to accommodate T568A and T568B wiring schemes. The connector shall be available in 13 colors; more than established by the ANSI/TIA-606 standard. The connector shall be supplied with interchangeable icons, and be offered with internal shutter and standard styles. It shall support Power over Ethernet up to 100 watts.

DESIGN CONSIDERATIONS

- Use in any QuickPort housing to support 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/video applications over UTP, coax, and fiber
- To identify ports, use different colored modules and icons (13 ANSI/TIA-606 compatible colors
- Robust housing and internal shutter protects the connector in harsh environments

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FEATURES

- Independently tested and guaranteed to exceed all component, permanent link, and channel margins
- Patented Retention Force Technology (RFT) protects against tine damage and increases system longevity
- For Power over Ethernet, RFT maintains contact force between plug and connector, preventing arcing from intermittent disconnects
- Unique design supports tool-free termination/re-termination and requires no specialized termination tool
- Short connector design supports a wider range of applications (e.g. shallow boxes, enclosures, bend radius, etc.)
- Terminates from 26 to 22-gauge solid or stranded conductors for use on various cable types
- Robust IDCs can withstand 20 re-termination cycles and connector contacts are tested for 750 plug-mating cycles to ensure system longevity
- Available in 13 ANSI/TIA-606-B compatible colors
- Connector supplied with interchangeable icons (voice, data, A/V, and blank, color coded to match the connector face), for easy identification and tracking of data, voice, or other functions
- Connector with internal shutter protects against dust and debris
- Solid metal body dissipates 53% more heat than traditional plastic, minimizing damage from excess heat in PoE applications
- Tine geometry prevents arcing damage where plug and connector make contact

STANDARDS COMPLIANCE

- ANSI/TIA-568-C.2 (Cat 6)
- cULus Listed
- UL 2043 Plenum Certified
- RoHS 2
- ISO/IEC 11801
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-001 (includes IEC 60512-9-3)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEEE 802.3at (Type 1) PoE up to 15.4 watts
- IEEE 802.3at (Type 2) PoE+ up to 30 watts
- IEEE 802.3bt (Type 3) PoE+ up to 60 watts
- IEEE 802.3bt (Type 4) PoE+ up to 100 watts
- Cisco Universal Power Over Ethernet (UPOE) up to 60 watts
- Power over HDBaseT™ (POH) up to 100 watts

PHYSICAL SPECIFICATIONS

Dimensions: See page two

Materials: **Connector Body**: Die-cast zinc

Spring-Wire Contacts: High-quality, copper-based alloy, plated with 50 micro-inches of gold

Environmental Conditions:

Storage Temperature: -40 °C to +70 °C

Operating Temperature: -10 °C to +60 °C

Revised February 2017

61UJK-xx6, ICONS-ICx
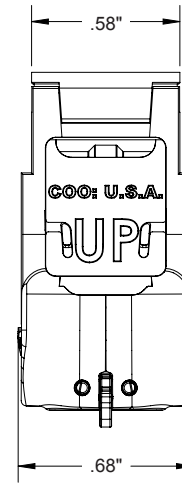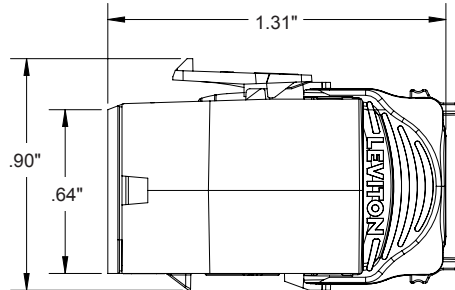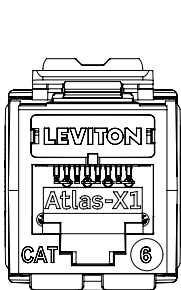
COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

Limited product and limited extended warranties are rendered VOID if the installed structured cabling system is used for Power over Ethernet applications that exceed the product's specified power rating.

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.

PART NUMBERS

Description	Standard Connector	Connector w/ Internal Shutters
Atlas-X1™ Cat 6 Component-Rated UTP QuickPort® Connector, white	61UJK-RW6	61UJK-SW6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, light almond	61UJK-RT6	61UJK-ST6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, ivory	61UJK-RI6	61UJK-SI6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, yellow	61UJK-RY6	61UJK-SY6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, orange	61UJK-RO6	61UJK-SO6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, crimson	61UJK-RC6	61UJK-SC6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, dark red	61UJK-RR6	61UJK-SR6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, purple	61UJK-RP6	61UJK-SP6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, blue	61UJK-RL6	61UJK-SL6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, green	61UJK-RV6	61UJK-SV6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, grey	61UJK-RG6	61UJK-SG6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, black	61UJK-RE6	61UJK-SE6
Atlas-X1 Cat 6 Component-Rated UTP QuickPort Connector, brown	61UJK-RB6	61UJK-SB6

Color-matched icons (ICONS-ICx) can be ordered separately in 72-quantity packs.
Bulk wire managers (AXUJK-BWM) can be ordered separately in 10-quantity packs.
x = color

White (W) Light Almond (T) Ivory (I) Yellow (Y) Orange (O) Crimson (C) Dark Red (R) Purple (P) Blue (L) Green (V) Grey (G) Black (E) Brown (B)

ISO 9001 REGISTERED Quality Manufacturer

B17 6607

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