

ATLAS-X1™ Cat 5e Component-Rated UTP QUICKPORT™ Jack

APPLICATION

The ATLAS-X1 Cat 5e Component-Rated UTP QUICKPORT Jack is part of a complete ATLAS-X1 Cat 5e UTP system, ideal for the most demanding network applications. The jack supports emerging technologies and will easily adapt to network trends.



SPECIFICATION

The jack shall meet or exceed the requirements for channel and component-level electrical transmission performance as described in ANSI/TIA-568.2-D (Cat 5e), ISO/IEC 11801-1 (Class D), and EN 50173-1 (Class D). The jack shall be compliant with ANSI/TIA-1096-A, c(UL)us Listed, and be independently verified for electrical transmission performance and power delivery. The jack 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 jack shall support tool-free termination and re-termination and shall not require a specialized termination tool. The jack wiring shall be universal to accommodate T568A and T568B wiring schemes. The jack shall be compliant with IEEE 802.3 PoE Type 1, 2, 3, 4 (100 watts max).

DESIGN CONSIDERATIONS

- Use in any QUICKPORT housing to support Cat 5e 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 for each application (13 ANSI/TIA-606-C compatible colors)
- Robust housing protects the jack in harsh environments

FEATURES & BENEFITS

- Independently tested and guaranteed to exceed all component, permanent link, and channel margins
- Patented Retention Force Technology™ (RFT) protects against time 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 and re-termination and requires no specialized termination tool
- Short jack design supports a wider range of applications (e.g. shallow boxes, enclosures, bend radius)
- Terminates from 26- to 22- AWG 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
- Interchangeable icons (voice, data, A/V, and blank, color coded to match the jack face) available for easy identification and tracking of data, voice, or other functions
- 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 & REGULATIONS

- ANSI/TIA-568.2-D (Cat 5e)
- ISO/IEC 11801-1 (Cat 5e)
- EN 50173-1 (Cat 5e)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL 2043 Plenum Certified
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-002
- c(UL)us Listed (UL 1863)
- IEEE 802.3 PoE Type 1, 2, 3, 4 (100 watts max)
- Cisco UPOE, UPOE+ (90 watts max)
- Power over HDBaseT™ PoH (95 watts max)
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3 Type 4 PoE (100-watt) applications
- RoHS 3

COUNTRY OF ORIGIN

USA

PRODUCT SPECIFICATIONS

5EUJK-xx5, ICONS-ICx

MECHANICAL SPECIFICATIONS

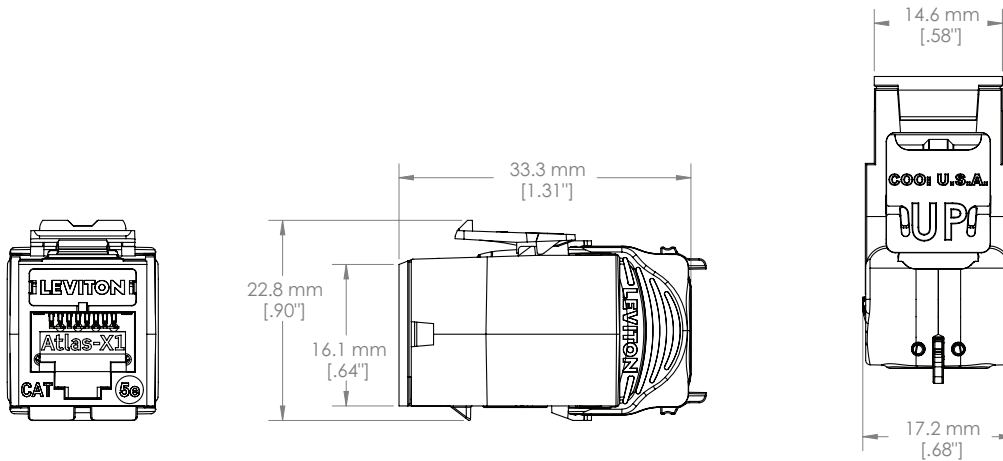
Dimensions: See below
 Materials: **Jack Body:** Die-cast zinc
Spring-Wire Contacts:
 High-quality, copper-based alloy, plated with 50 microinches of gold for lowest contact resistance and maximum life

Temp. (Storage): -40 °C to +70 °C (-40 °F to +158 °F)
 Temp. (Installation): Refer to cable installation temperature
 Temp. (Operating): -10 °C to +60 °C (+14 °F to +140 °F)
 Humidity (Max.): 95% relative humidity, non-condensing

WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/NS/Warranty

5EUJK-xx5, ICONS-ICx



PART NUMBERS

Description	Part No.
ATLAS-X1™ Cat 5e Component-Rated UTP QUICKPORT™ Jack, white	5EUJK-RW5
ATLAS-X1 Cat 5e Component-Rated UTP QUICKPORT Jack, black	5EUJK-RE5

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 = icon color



For further support information, visit Leviton.com/NS/Support