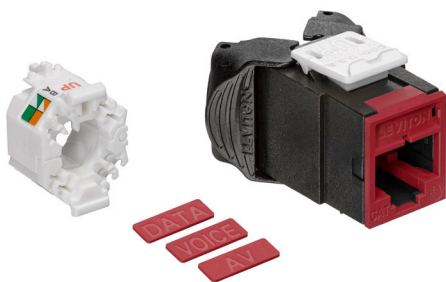# ATLAS-X1™ Cat 6A Component-Rated UTP QUICKPORT™ Jack

APPLICATION

The ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack supports 10GBASE-T networks. The jack is part of a complete ATLAS-X1 Cat 6A UTP system, ideal for the most demanding mission-critical 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 6A), ISO/IEC 11801-1 (Class E_A), and EN 50173-1 (Class E_A). 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 available in 13 colors; more than established by the ANSI/TIA-606-C standard. The jack shall be offered in standard and shuttered styles and select jacks shall be supplied with interchangeable icons. 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 6A 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 (full selection of ANSI/TIA-606 compatible colors, 13 available)
- Robust housing and shutter protects the jack in harsh environments

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 (PoE), RFT maintains contact force between plug and jack, 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, etc.)
- 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 jack contacts are tested for 3,000 plug-mating cycles to ensure system longevity
- Available in 13 ANSI/TIA-606-C compatible colors
- Tested and approved for use in air-handling spaces (plenum rating) in accordance with UL Standard 2043
- Select jacks available with interchangeable icons (voice, data, A/V, blank) for easy ID
- Jack with internal shutter protects against dust and debris
- Solid metal body dissipates 53% more heat than plastic, minimizing damage from excess heat in PoE applications
- Tine geometry prevents arcing damage where plug and jack make contact

STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D (Cat 6A)
- ISO/IEC 11801-1 (Cat 6A)
- EN 50173-1 (Cat 6A)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-002
- 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)
- c(UL)us Listed (UL 1863)
- UL 2043 Plenum Certified
- RoHS 3
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3 Type 4 PoE (100-watt) applications

COUNTRY OF ORIGIN

USA and Mexico (Contact Customer Service for details)

LEVITON®
Network Solutions

MECHANICAL SPECIFICATIONS

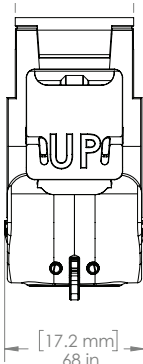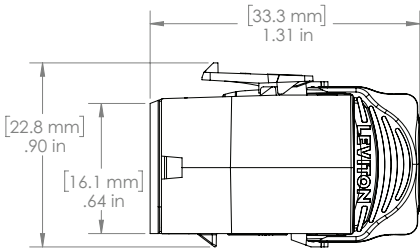|	
Dimensions:	See below
Materials:	**Jack Body:** Die-cast zinc
	Spring-Wire Contacts: High quality, copper-based alloy, plated with 50 microinches of gold for lowest contact resistance and maximum life
Temp. (Storage):	-40 ºC to +70 ºC (-40 ºF to +158 ºF)
Temp. (Installation):	Refer to cable installation temperature
Temp. (Operating):	-10 ºC to +60 ºC (+14 ºF to +140 ºF)
Humidity (Max.):	95% relative humidity, non-condensing

WARRANTY INFORMATION

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

[33.3 mm] 1.31 in
[22.8 mm] .90 in
[16.1 mm] .64 in
[17.2 mm] .68 in

PART NUMBER

Description	Standard Jack	Jack with Shutter	GREENPACK™ 12-Pack Standard Jack
ATLAS-X1™ Cat 6A Component-Rated UTP QUICKPORT™ Jack, white	6AUJK-RW6	6AUJK-SW6	6AUJK-CW6
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, light almond	6AUJK-RT6	6AUJK-ST6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, ivory	6AUJK-RI6	6AUJK-SI6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, yellow	6AUJK-RY6	6AUJK-SY6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, orange	6AUJK-RO6	6AUJK-SO6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, crimson	6AUJK-RC6	6AUJK-SC6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, dark red	6AUJK-RR6	6AUJK-SR6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, purple	6AUJK-RP6	6AUJK-SP6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, blue	6AUJK-RL6	6AUJK-SL6	6AUJK-CL6
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, green	6AUJK-RV6	6AUJK-SV6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, gray	6AUJK-RG6	6AUJK-SG6	—
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, black	6AUJK-RE6	6AUJK-SE6	6AUJK-CE6
ATLAS-X1 Cat 6A Component-Rated UTP QUICKPORT Jack, brown	6AUJK-RB6	6AUJK-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 = icon color

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

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