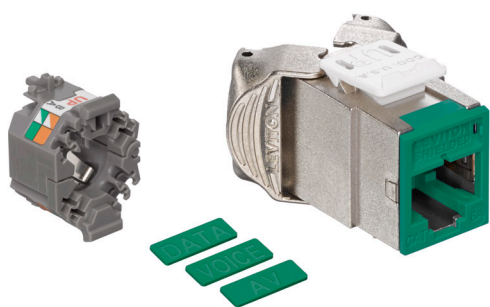


ATLAS-X1™ Cat 6A Component-Rated Shielded QUICKPORT™ Jack

APPLICATION

The ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack supports 10GBASE-T networks. The shielded jack provides superior alien crosstalk (AXT) suppression and protects critical data from potential EMI/RFI (electromagnetic interference/radio frequency interference). The jack is part of a complete ATLAS-X1 Cat 6A shielded system, ideal for government, healthcare, manufacturing, transportation, gaming, and other environments where EMI/RFI and/or security may be a concern.



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 shall be encased in a die-cast housing to protect from potential EMI/RFI. 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 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

- Fits most QUICKPORT™ applications in patch panels, faceplates, and surface-mount boxes
- Can be used to terminate all types of shielded cable
- To identify ports, use different colored modules and icons (13 ANSI/TIA-606-C compatible colors)
- Robust housing and internal shutter 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 (PoE), RFT maintains contact force between plug and jack, preventing arcing from intermittent disconnects
- Shielding provides EMI/RFI protection, signal isolation, and excellent AXT suppression
- Unique design supports tool-free termination/re-termination and requires no specialized termination tool
- Short jack design supports a wider range of applications (e.g. shallow boxes, enclosures, and 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 jack contacts are tested for 3,000 plug-mating cycles to ensure system longevity
- Available in 13 ANSI/TIA-606-C compatible colors
- Select jacks available with interchangeable icons (voice, data, A/V, and blank, color-coded to match the jack face) for easy identification and tracking of data, voice, or other functions
- Jack 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 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)
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3 Type 4 PoE (100-watt) applications
- c(UL)us Listed (UL 1863)
- UL 2043 Plenum Certified
- RoHS 3

PRODUCT SPECIFICATIONS

6ASJK-xx6, ICONS-ICx

MECHANICAL SPECIFICATIONS

Dimensions: See below

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

Spring-Wire Contacts:

High quality, copper-based alloy (phosphor bronze), plated with 50 microinches of gold over 130 microinches (nominal) of nickel plating 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)

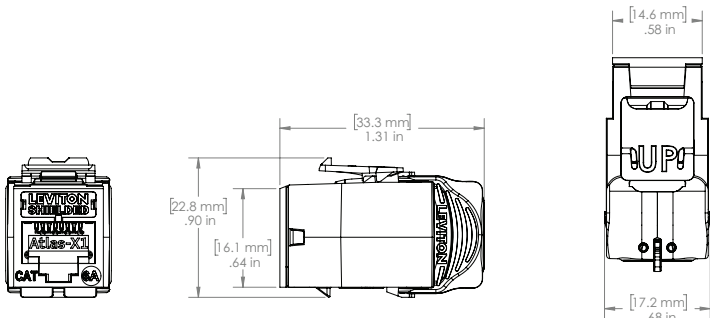
Humidity (Max.): 95% relative humidity, non-condensing

COUNTRY OF ORIGIN

USA and Mexico (Contact Customer Service for details)

WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/ns/warranty](https://leviton.com/ns/warranty)



6ASJK-xx6, ICONS-ICx

PART NUMBERS			
Description	Standard Jack	Jack with Internal Shutter	GREENPACK™ 12-Pack Standard Jack
ATLAS-X1™ Cat 6A Component-Rated Shielded QUICKPORT™ Jack, white	6ASJK-RW6	6ASJK-SW6	6ASJK-CW6
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, light almond	6ASJK-RT6	6ASJK-ST6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, ivory	6ASJK-RI6	6ASJK-SI6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, yellow	6ASJK-RY6	6ASJK-SY6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, orange	6ASJK-RO6	6ASJK-SO6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, crimson	6ASJK-RC6	6ASJK-SC6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, dark red	6ASJK-RR6	6ASJK-SR6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, purple	6ASJK-RP6	6ASJK-SP6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, blue	6ASJK-RL6	6ASJK-SL6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, green	6ASJK-RV6	6ASJK-SV6	—
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, gray	6ASJK-RG6	6ASJK-SG6	6ASJK-CG6
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, black	6ASJK-RE6	6ASJK-SE6	6ASJK-CE6
ATLAS-X1 Cat 6A Component-Rated Shielded QUICKPORT Jack, brown	6ASJK-RB6	6ASJK-SB6	—

Color-matched icons (ICONS-ICx) can be ordered separately in 72-quantity packs.

Bulk wire managers (AXSJK-BGM) can be ordered separately in 10-quantity packs.

x = icon color



For further support information, visit [Leviton.com/ns/support](https://leviton.com/ns/support)