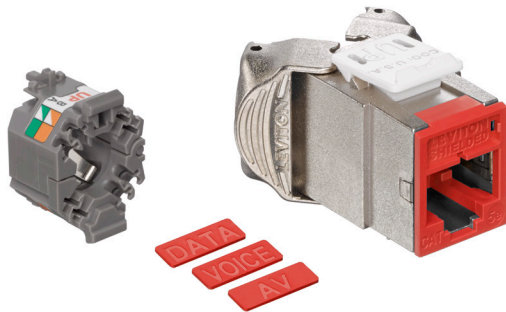


ATLAS-X1™ Cat 5e Component-Rated Shielded QUICKPORT™ Jack

APPLICATION

The ATLAS-X1 The Cat 5e Component-Rated Shielded QUICKPORT 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 5e 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 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 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 compliant with IEEE 802.3 PoE Type 1, 2, 3, 4 (100 watts max).

DESIGN CONSIDERATIONS

- Fits all 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 for each application
- Robust housing protects the jack in harsh environments

COUNTRY OF ORIGIN

USA

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
- Shielding provides EMI/RFI protection, signal isolation, and excellent alien crosstalk (AXT) suppression
- 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 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 connector 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)
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-002
- ANSI/TIA-1096-A (formerly FCC Part 68)
- 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
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3 Type 4 PoE (100-watt) applications
- RoHS 3

PRODUCT SPECIFICATIONS

5ESJK-xx5, ICONS-ICx

MECHANICAL SPECIFICATIONS

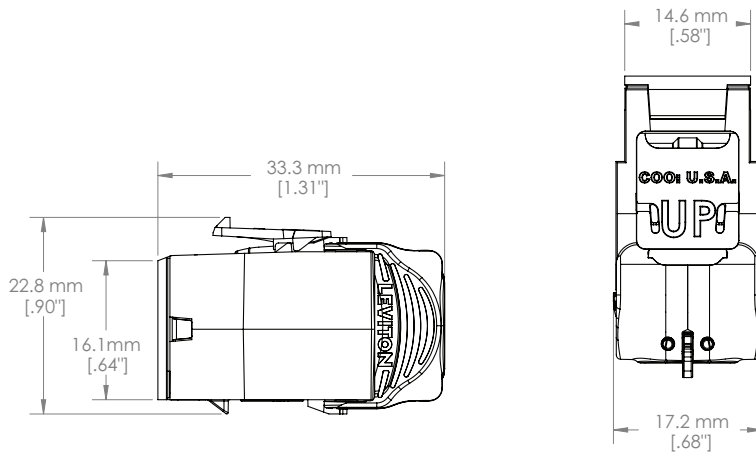
Dimensions: See below
 Materials: **Jack Body:** Die-cast zinc
Spring-Wire Contacts:
 High-quality, copper-based alloy, plated with 50 microinches of gold for lowest contact resistance and maximum life

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

5ESJK-xx5, ICONS-ICx



PART NUMBERS

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

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