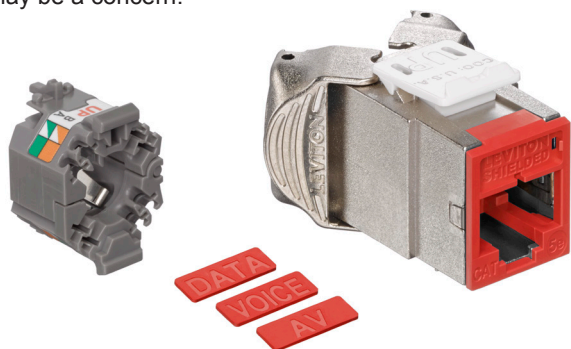


## Atlas-X1® Cat 5e Component-Rated Shielded QuickPort® Jack

### APPLICATION

The Atlas-X1 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, health care, 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, cULus 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/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. It shall exceed IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously.

### 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 and internal shutter protects the connector 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, 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/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
- Available in 13 ANSI/TIA-606-C compatible colors for color coding
- Select jacks 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
- 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 connector make contact
- Will exceed IEEE 802.3bt standard up to 0.5 amps per conductor (100 watts) continuously
- ETL verified to meet the IEC 60512-99-002 standard for support of IEEE 802.3bt Type 4 PoE (90-watt) applications

### 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 802.3bt PoE Type 1 (15.4 Watts) formerly 802.3af, Type 2 (30 Watts) formerly 802.3at, Type 3 (60 Watts), Type 4 (90 Watts)
- Cisco UPoE (60 Watts), UPoE+ (90 Watts)
- Power over HDBaseT™ PoH (95 Watts)
- cULus Listed (UL 1863)
- UL 2043 Plenum Certified
- RoHS 3

# PRODUCT SPECIFICATIONS

## 5ESJK-xx5, ICONS-ICx



5ESJK-xx5, ICONS-ICx

### MECHANICAL SPECIFICATIONS

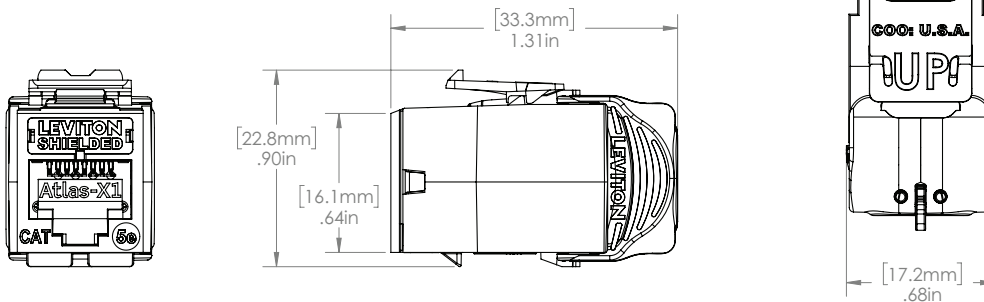
Dimensions: See below  
 Materials: **Jack Body:** Die-cast zinc  
**Spring-Wire Contacts:** High-quality, copper-based alloy, plated with 50 microinches of gold for lowest contact resistance and maximum life  
 Temperature (Storage): -40 °C to +70 °C  
 Temperature (Operating): -10 °C to +60 °C

### COUNTRY OF ORIGIN

USA

### WARRANTY INFORMATION

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



### PART NUMBERS

Description	Standard Jack	Jack w/ Internal Shutter
Atlas-X1® Cat 5e Component-Rated Shielded QuickPort® Jack, white	5ESJK-RW5	5ESJK-SW5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, light almond	5ESJK-RT5	5ESJK-ST5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, ivory	5ESJK-RI5	5ESJK-SI5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, yellow	5ESJK-RY5	5ESJK-SY5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, orange	5ESJK-RO5	5ESJK-SO5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, crimson	5ESJK-RC5	5ESJK-SC5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, dark red	5ESJK-RR5	5ESJK-SR5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, purple	5ESJK-RP5	5ESJK-SP5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, blue	5ESJK-RL5	5ESJK-SL5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, green	5ESJK-RV5	5ESJK-SV5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, gray	5ESJK-RG5	5ESJK-SG5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, black	5ESJK-RE5	5ESJK-SE5
Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Jack, brown	5ESJK-RB5	5ESJK-SB5

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](http://leviton.com/ns/support)

### NETWORK SOLUTIONS GLOBAL HEADQUARTERS

Bothell, WA, USA | [leviton.com/ns](http://leviton.com/ns)  
 (800) 824 3005 / +1 (425) 486 2222 | [appeng@leviton.com](mailto:appeng@leviton.com)

### NETWORK SOLUTIONS EUROPEAN HEADQUARTERS

Glenrothes, UK | [leviton.com/ns/emea](http://leviton.com/ns/emea)  
 +44 (0) 1592 772124 | [customerserviceeu@leviton.com](mailto:customerserviceeu@leviton.com)

Leviton is dedicated to designing, developing and manufacturing sustainable high-performance structured cabling and speciality cabling solutions. Network Solutions products are available worldwide in over 100 countries. Visit us online to learn more.