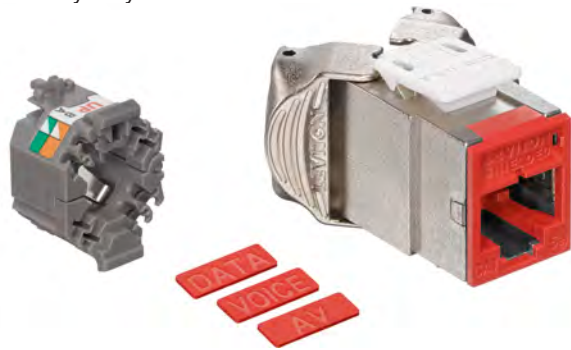


Atlas-X1™ Cat 5e Component-Rated Shielded QuickPort® Connector

APPLICATION

The Atlas-X1 Cat 5e Component-Rated Shielded QuickPort Connector provides superior alien crosstalk (AXT) suppression and protects critical data from potential EMI/RFI (electromagnetic interference/radio frequency interference). The connector 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 shielded connector shall meet or exceed all requirements for Category 5e as described in ANSI/TIA-568-C.2, as well as Class D requirements as described in ISO/IEC 11801. The connector shall comply with all National Electrical Codes, be compliant with ANSI/TIA-1096-A, be UL listed, and be independently verified. The connector shall be encased in a die-cast housing to protect from potential EMI/RFI. The connector shall support tool-free termination/re-termination and shall not require a specialized termination tool. The connector wiring shall be universal to accommodate T568A and T568B wiring schemes. The connector shall be available in 13 colors; more than established by the ANSI/TIA-606 standard. The connector shall be supplied with interchangeable icons, and be offered with internal shutter and standard styles. It shall support Power over Ethernet up to 60 watts.

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 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/re-termination and requires no specialized termination tool
- Short connector design supports a wider range of applications (e.g. shallow boxes, enclosures, bend radius, etc.)
- Terminates from 26 to 22-gauge 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-B compatible colors for color coding
- Connector 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
- Connector 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
- Fine geometry prevents arcing damage where plug and connector make contact

STANDARDS COMPLIANCE

- ANSI/TIA-568-C.0
- ANSI/TIA-568-C.1
- ANSI/TIA-568-C.2 (Cat 5e)
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-001 (includes IEC 60512-9-3)
- IEEE 802.3at (Type 1) PoE up to 15.4 watts
- IEEE 802.3at (Type 2) PoE+ up to 30 watts
- IEEE 802.3at (Type 3) PoE+ up to 60 watts
- IEEE Draft 802.3bt (Type 4) PoE+ up to 100 watts
- Cisco Universal Power Over Ethernet (UPOE) up to 60 watts
- ANSI/TIA-1096-A (formerly FCC Part 68)
- Power over HDBaseT™ (PoH) up to 100 watts
- RoHS 2
- ISO/IEC 11801 Class D
- UL 2043 Plenum Certified
- EN 50173

PHYSICAL SPECIFICATIONS

Dimensions: See page two
 Materials: **Connector Body:** Die-cast zinc
Spring-Wire Contacts: High-quality, copper-based alloy, plated with 50 micro-inches of gold for lowest contact resistance and maximum life
 Environmental Conditions: **Storage Temperature:** -40 °C to +70 °C
Operating Temperature: -10 °C to +60 °C

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COUNTRY OF ORIGIN

USA

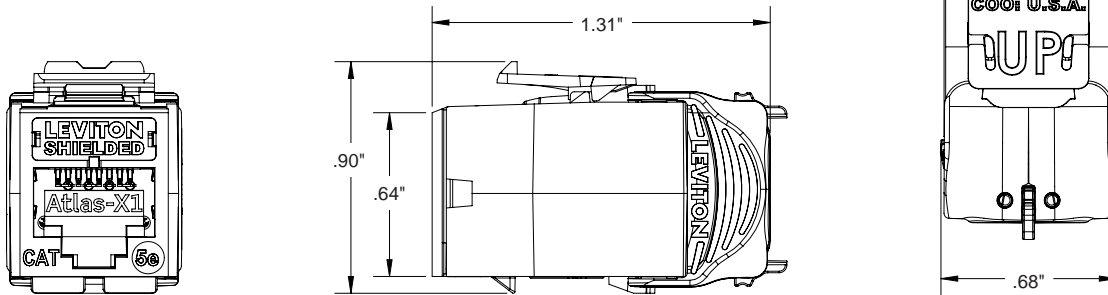
WARRANTY INFORMATION

Limited product and limited extended warranties are rendered VOID if the installed structured cabling system is used for Power over Ethernet applications that exceed the product's specified power rating.

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.



5ESJK-xx5, ICONS- ICx

PART NUMBERS

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



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