

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

APPLICATION

The Atlas-X1 Cat 5e Component-Rated UTP QuickPort Connector is part of a complete Atlas-X1 Cat 5e UTP system, ideal for the most demanding network applications. The connector supports emerging technologies and will easily adapt to network trends.



SPECIFICATION

The 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 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 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

- Use in any QuickPort housing to support Cat 5e 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 (13 ANSI/TIA-606 compatible colors)
- 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
- 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
- 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
- Tine geometry prevents arcing damage where plug and connector make contact

STANDARDS COMPLIANCE

- ANSI/TIA-568-C.2 (Cat 5e)
- ISO/IEC 11801
- IEC 60603-7 (includes IEC 60512-5-2)
- IEC 60512-99-001 (includes IEC 60512-9-3)
- UL 2043 Plenum Certified
- cULus Listed
- RoHS 2
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEEE 802.3at (Type 1) PoE up to 15.4 watts
- IEEE 802.3at (Type 2) PoE+ up to 30 watts
- IEEE 802.3bt (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
- Power over HDBase™ (PoH) up to 100 watts

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

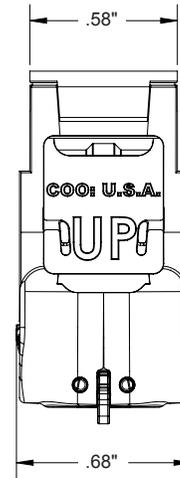
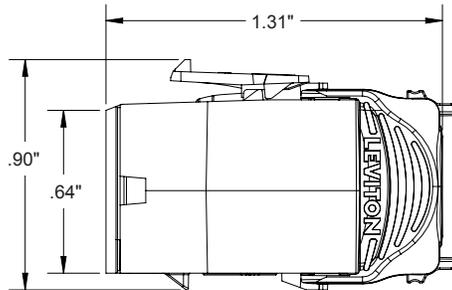
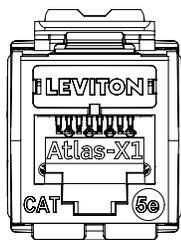
WARRANTY INFORMATION

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.



5EUJK-xx5, ICONS-ICx

PART NUMBERS

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

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 = color



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