SYSTEM DATA SHEET — EUROPE

ATLAS-X1™ CAT 5E UNSHIELDED SYSTEM

Our best Cat 5e system features the Atlas-X1 jack and premium Cat 5e cable

- Exceeds ISO/IEC 11801 Class D and ANSI/TIA-568-C.2 Cat 5e requirements for channel, link, and component performance to support IEEE 1000BASE-T networks
- Increases network efficiency and uptime with lower bit error rates
- Leviton System Lab tested ensuring consistent performance
- Atlas-X1 jack is independently tested to exceed performance standards, features tool-free terminations, and has PoE optimised tine geometry

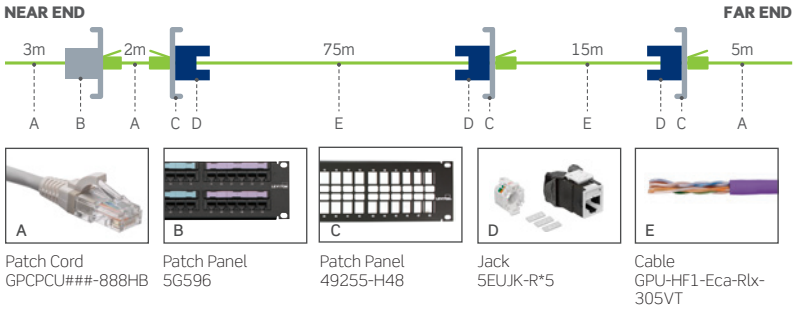
TYPICAL* SYSTEM PERFORMANCE PARAMETERS

ATLAS-X1 CAT 5E UNSHIELDED SYSTEM CHANNEL TYPICAL MARGINS*

	Insertion Loss	NEXT	PSNEXT	ACR-F (ELFEXT)	PSACR-F (PSELFEXT)	Return Loss	ACR-N	PSACR-N
Standard (100MHz)	24.1 dB	30.1 dB	27.1 dB	17.4 dB	14.4 dB	10.0 dB	N/A	N/A
Typical Performance Margin	10%	9.0 dB	11.0 dB	11.0 dB	13.0 dB	6.0 dB	11.0 dB	13.0 dB

*All parameters comply with ISO/IEC 11801 Class D requirements across the entire frequency range. System performance is representative of the specific components and topologies as listed on this system data sheet. Typical performance values are based on third-party lab verified testing, in-house testing and field test data. Field installed channel performance may vary based on the channel topology, installation practices, installation environment and accuracy of the handheld tester. Only Leviton approved testers may be used. All stated performance specifications are subject to the terms and conditions of the manufacturers warranties. Details at www.leviton.com.

SYSTEM TOPOLOGY



Patch Cord
GPCPCU###-888HB

Patch Panel
5G596

Patch Panel
49255-H48

Jack
5EUJK-R*5

Cable
GPU-HF1-Eca-Rlx-305VT

RECOMMENDED FOR

1000BASE-T network applications and mission-critical systems

Horizontal data and voice applications

Networks with high bandwidth utilisation requirements

Large enterprises

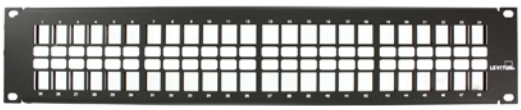
PoE standards: IEEE 802.3af and 802.3at up to 30 watts

Cat 5e Atlas-X1

JACKS

ATLAS-X1™ CAT 5E COMPONENT-RATED QUICKPORT® JACKS

- Patented Retention Force Technology (RFT) protects against tine damage and maintains contact force between plug and jack, preventing arcing from intermittent disconnects in PoE applications
- PoE optimised tine geometry prevents arcing damage where plug and jack make contact, extending the life of the jack and ensuring maximum performance (see specification sheets for full PoE capabilities)
- Solid metal body dissipates 53% more heat than plastic, minimising damage from excess heat in PoE applications
- Available with internal shutter to protect from dust and debris
- Unique tool-free design requires no specialised termination or re-termination tool
- Short jack design supports a wider range of applications (e.g. shallow boxes, enclosures, bend radius, etc.)
- Includes interchangeable colour-coded icons for identification (VOICE, DATA, AV, blank), also offered separately in 13 colours
- Supports Power over Ethernet (PoE) — see individual product specifications sheets for full capabilities
- Proudly manufactured in the U.S.



PATCH PANELS

CAT 5E 110-STYLE AND QUICKPORT PATCH PANELS

- Exceed requirements for Category 5e described in ANSI/TIA-568-C.2 and Class D requirements described in ISO/IEC 11801
- 110-Style available in flat and angled
- QuickPort available in flat, angled, recessed, and Zero-U configurations
- Gas-tight insulation displacement contacts provide excellent conductor retention and resistance to surface-contact oxidation for life of the system
- Include colour codes for T568A/B wiring schemes

PATCH CORDS

CAT 5E PATCH CORDS

- Low profile boots for higher density blade connectivity
- 24-gauge stranded for maximum flexibility and extended flex life
- Nominal outer diameter of 5.4 mm (.213") to reduce cable pathway congestion in racks and cabinets
- Available in five colors and stocked lengths of 1, 1.5, 2, 3, and 5 metres
- Make-to-order custom lengths are available

CABLE

CAT 5E UNSHIELDED CABLE

- 24-gauge solid annealed copper wire
- 4 unshielded twisted pairs cabled together
- Available in a range of sheath materials to suit a variety of installation environments and colour coded for identification
- Designed and constructed to give optimal electrical performance to the following standards:
  - ISO/IEC 11801 Class E, IEC 61156-5
  - EN 50173-1 and EN 50288-3-1
  - ANSI/TIA-568-C.2
- Supports Gigabit Ethernet
- Designed and manufactured in a carbon neutral facility in the UK
- Delivered in 100% recyclable packaging

PART NUMBERS - Common part numbers shown. Many additional colours, lengths, CPR EuroClass ratings, and other options available online.

JACKS			STANDARD	SHUTTERED	ADDITIONAL ICONS
Atlas-X1 Cat 5e Component-Rated QuickPort Jack			5EUJK-R*5	5EUJK-S*5	ICONS-IC*
PATCH PANELS			**1RU 24-PORT**	**1RU 48-PORT**	**2RU 48-PORT**
Cat 5e Flat 110-Style Patch Panel			Contact Customer Service for information	Contact Customer Service for information	Contact Customer Service for information
Cat 5e Angled 110-Style Patch Panel			5G597-U24		5G597-U48
Flat QuickPort Patch Panel+			49255-H24	4S255-D48	49255-H48
Angled QuickPort Patch Panel+			49256-H24	4S256-D48	49256-H48
PATCH CORDS	**GREY**	**RED**	**BLUE**	**GREEN**	**YELLOW**
Cat 5e Patch Cord	GPCPCU###-888HB	GPCPCU###-188HB	GPCPCU###-488HB	GPCPCU###-588HB	GPCPCU###-668HB
CABLE					**VIOLET**
Cat 5e Unshielded Cable, LSHF/LSZH (Additional higher EuroClass cables are available. Please contact your local Leviton representative for further information.)					GPU-HF1-Eca-Rlx-305VT

* = Colour: White (W), Lt. Almond (T), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Grey (G), Black (E), Brown (B)
\+ = Sold empty, load with 5EUJK jacks ### = Length: 1 (010), 2 (020), 3 (030), 5 (050) metres

C18 6576C BIE
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