

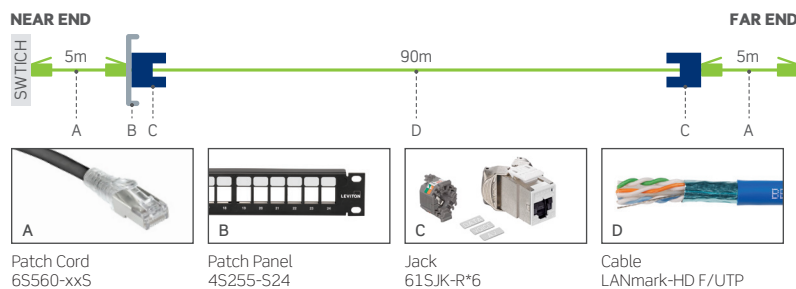
## SYSTEM DATA SHEET

# AV6400 | 1 Gb/s AV SHIELDED SYSTEM

Shielded Cat 6 performance provides exceptional high definition (HD) AV performance

- Excellent choice for transmitting uncompressed HD video via HDBaseT™
- Limited lifetime warranty available when projects are installed by Leviton or Berk-Tek certified contractors
- LANmark™-HD cable is an HDBaseT Alliance recommended cable
- Provides bandwidth required for multimedia video, HD video, and other future applications
- Provides additional performance margin to reliably support Gigabit Ethernet in high-noise environments
- Excellent EMI/RFI immunity
- Atlas-X1™ jack is independently tested to exceed performance standards and features an innovative design that allows for tool-free terminations

## SYSTEM ELEMENTS



## RECOMMENDED FOR

1 Gb/s AV applications and where high definition (HD) resolution is required

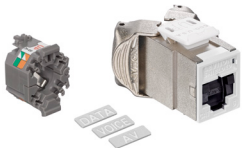
AV applications requiring low latency and 1 Gb/s bandwidth

PoE standards: IEEE 802.3af, 802.3at, 802.3bt, Cisco UPoE, and Power over HDBaseT™ (PoH) up to 100 watts

Shield provides excellent signal isolation and allows for efficient heat dissipation when powering large displays

An excellent choice for AV systems used in high-end conference rooms and classrooms

# 1 Gb/s AV SHIELDED



## LEVITON JACKS

### ATLAS-X1™ CAT 6 SHIELDED QUICKPORT® JACKS

- Tested and approved for use in air-handling spaces (plenum rating) in accordance with UL Standard 2043
- Independently tested and guaranteed to exceed all component, permanent link, and channel margins
- Patented Retention Force Technology™ protects against time damage and maintains contact force between plug and jack, preventing arcing from intermittent disconnects in PoE applications
- PoE optimized 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)
- Provide additional EMI/RFI protection, signal isolation, and alien crosstalk (AXT) suppression
- Solid metal body dissipates 53% more heat than plastic, minimizing damage from excess heat in PoE applications
- Available with internal shutter to protect from dust and debris
- Unique tool-free design requires no specialized termination or re-termination tool
- Short jack design supports a wider range of applications (e.g. shallow boxes, enclosures, bend radius, etc.)
- Includes interchangeable color-coded icons for identification (VOICE, DATA, AV, blank), also offered separately in 13 colors
- Proudly manufactured in the U.S.



## LEVITON PATCH PANELS

### ATLAS-X1 SHIELDED QUICKPORT PATCH PANELS

- Meet ANSI/TIA-568.2-D and ISO/IEC 11801
- Stainless-steel “comb” maintains consistent ground path between jack and panel
- Available in QuickPort 1RU 24-port, 1RU 48-port, and 2RU 48-port angled configurations
- Accepts all shielded QuickPort jacks
- Shielding protects against Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI), and provides excellent alien crosstalk (AXT) suppression



## LEVITON PATCH CORDS

### ATLAS-X1 CAT 6 SLIMLINE SHIELDED PATCH CORDS

- Tested and verified to meet TIA Cat 6 component requirements
- 26-gauge stranded for maximum flexibility in any density patching environment
- Nominal outer diameter of .24" to reduce cable pathways in racks and cabinets
- Aluminum tape foil shield covers all four pairs
- Drain wire is made of 24-gauge (.51 mm) tinned copper
- SlimLine boot supports high-density patching applications
- Provides exceptional EMI/RFI protection
- Country of Origin is U.S., manufactured using Berk-Tek cable



## BERK-TEK CABLE

### LANMARK™-HD HIGH DEFINITION AV CABLE

- HDBaseT™ Alliance recommended cable
- Developed specifically to support high definition AV applications supporting 1 Gb/s and requiring low latency
- Lower bit errors resulting in increased AV performance
- ETL Verified to ANSI/TIA-568-C.2 Category 6
- Outer diameter plenum 0.275" (7.0 mm), CMP
- Outer diameter riser 0.280" (7.1 mm), CMR
- UL/ETL Listed
- 23 gauge
- Offers superior PoE performance with the latest 802.3bt standard (90W)
- Proudly manufactured in the U.S.

## PART NUMBERS - Common part numbers shown. Many additional colors, lengths, and other options available online.

LEVITON JACKS	STANDARD	WITH SHUTTER	ADDITIONAL ICONS
Atlas-X1 Cat 6 Shielded QuickPort Jack	61SJK-R*6	61SJK-S*6	ICONS-IC*
LEVITON PATCH PANELS	1RU, 24-PORT	1RU, 48-PORT	2RU, 48-PORT
Atlas-X1 Flat Shielded QuickPort Patch Panel+	4S255-S24	4S255-D48	4S255-S48
Atlas-X1 Angled Shielded QuickPort Patch Panel+	4S256-S24	4S256-D48	4S256-S48
LEVITON PATCH CORDS	Atlas-X1 Cat 6 SlimLine Shielded Patch Cord, Gray		6S560-xxS
BERK-TEK CABLE	PLENUM REEL		RISER REEL
LANmark-HD Cat 6 F/UTP Cable, Blue	11100942		11100946
LANmark-HD Cat 6 F/UTP Cable, White	11100943		11100947
LANmark-HD Cat 6 F/UTP Cable, Gray	11100944		11100948

\* = Jack Color: White (W), Lt. Almond (T), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Gray (G), Black (E), Brown (B)

+ = Sold empty, load with 61SJK jacks      xx = Length: 3, 5, 7, 10, 15, 20 feet