

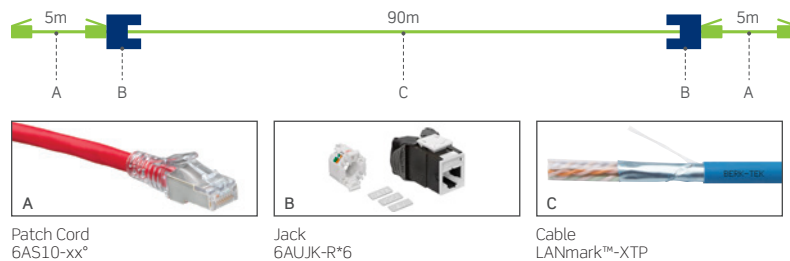
## SYSTEM DATA SHEET

# AV6850 | 10 Gb/s AV UTP SYSTEM

## Highest performing Cat 6A system for demanding AV networks

- Excellent choice for demanding 10 Gb/s AV applications such as 4K HDBaseT™ and SDVoE (Software Defined Video over Ethernet)
- Innovative Crosstalk Prevention (XTP) technology provides superior signal isolation for crystal clear AV in HD or UHD (4k)
- Limited lifetime warranty available when installed by Leviton or Berk-Tek certified contractors
- LANmark™-XTP cable is an HDBaseT Alliance recommended cable
- Error-free performance up to 10 Gigabit Ethernet with full duplex transmission up to 500 MHz
- Backwards compatible with Gigabit Ethernet to provide seamless migration to 10GBASE-T and supports all Cat 6 and Cat 5e system requirements

## SYSTEM ELEMENTS



## RECOMMENDED FOR

10 Gb/s AV applications such as HDBaseT and SDVoE or other high bandwidth AV technologies

Designed for AV applications requiring high bandwidth and low latency

XTP technology provides excellent signal isolation for HD and UHD (4k) AV applications over IP

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

XTP shield allows for efficient heat dissipation

# 10 Gb/s AV UTP



## LEVITON JACKS

### ATLAS-X1™ CAT 6A COMPONENT-RATED 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 tines from damage and increases system longevity
- Jacks available with internal shutter to protect against 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.)
- Jack supplied with interchangeable icons (VOICE, DATA, AV, and blank) color coded to match the jack face
- Interchangeable icons (available in 13 colors) make it easy to identify and track data, voice, or other functions
- Supports Power over Ethernet (PoE) — see individual product specifications sheets for full capabilities
- Proudly manufactured in the U.S.



## LEVITON PATCH CORDS

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

- Tested and verified to meet ANSI/TIA Cat 6A component and channel requirements
- Excellent alien crosstalk (AXT) suppression
- 26-gauge stranded for maximum flexibility in any density patching environment
- Nominal outer diameter of .24" to reduce cable pathways in racks and cabinets
- SlimLine-design modular boot supports high-density patching
- Available in lengths of 3', 5', 7', 10', 15', 20' and in 7 colors
- Made-to-order custom lengths are quickly available for top-of-rack, end-of-row, or general network patching
- Country of Origin is U.S., manufactured using Berk-Tek cable



## BERK-TEK CABLE

### LANMARK™-XTP CAT 6A UTP CABLE

- HDBase™ Alliance recommended cable
- Innovative noise-canceling XTP technology delivers superior 10 Gb/s AV performance
- Designed to provide high bandwidth and low latency for demanding AV applications like HD and UHD (4K)
- Verified performance beyond ANSI/TIA-568.2-D Category 6A by third-party labs (Intertek ETL)
- Easier installation and cable management with reduced outer diameter of 0.275" (6.9 mm), CMP
- 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 6A Component-Rated QuickPort Jack	6AUJK-R*6	6AUJK-S*6	ICONS-IC*
LEVITON E2XHD CASSETTES			
e2XHD Empty Cassette+			E2XHD-BRK
LEVITON 110-STYLE WALL-MOUNT WIRING BLOCK KIT			64-PAIR
CAT 6A 110-Style Wiring Block, wall mount with legs and C-4 clips^			41D6A-1F4
LEVITON PATCH CORDS			
Atlas-X1 Cat 6A SlimLine Patch Cord			6AS10-xx°
BERK-TEK CABLE		PLENUM REEL	RISER REEL
LANmark-XTP Cat 6A UTP Cable, Blue		11082057	11082062
LANmark-XTP Cat 6A UTP Cable, White		11082058	11082063
LANmark-XTP Cat 6A UTP Cable, Gray		11082059	11082064

\* = 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)  
xx = Length: 3, 5, 7, 10, 15, 20 feet      ° = Color: White (W), Yellow (Y), Blue (L), Black (E), Red (R), Green (G), Gray (S), Orange (O), Violet (V)