

SYSTEM DATA SHEET

IS6730 | CAT 6A HIGH-FLEX SF/UTP INDUSTRIAL SYSTEM

High performance shielded Cat 6A system for heavy-duty industrial and harsh environment applications. 26-gauge stranded conductor, 600V, oil and sunlight resistant TPE jacket rated CMR-CMX Outdoor.

- Berk-Tek High Flex stranded conductor cable is suitable for the most demanding continuous-motion and high-vibration industrial environments, rated CMR-CMX Outdoor for easy transition from outdoor to indoor environment
- DuraPort® industrial patch cords provide IP67-class protection to safeguard your connectivity from ingress of dust and water in Wash-in-Place (WIP) / Clean-in-Place (CIP) environments
- Ensures excellent alien crosstalk (AXT) and EMI/RFI immunity against electrical interference in industrial environments
- Atlas-X1® jack is independently tested to exceed performance standards and features an innovative design that allows for tool-free terminations and superior PoE performance
- Exceeds ANSI/TIA-568.2-D Cat 6A and ISO/IEC 11801-1 Class EA requirements for channel, performance to support IEEE 10GBASE-T (802.3an) networks
- Error-free performance up to 10 Gigabit Ethernet with full duplex transmission
- Backwards compatible with Gigabit Ethernet to provide seamless migration path to 10GBASE-T and supports all Cat 6 and Cat 5e system requirements

RECOMMENDED FOR

Optimal total cost of ownership for challenging harsh environments in manufacturing, transportation, health care, and government

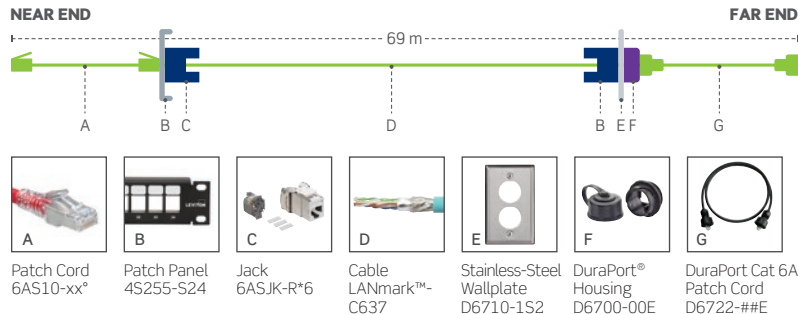
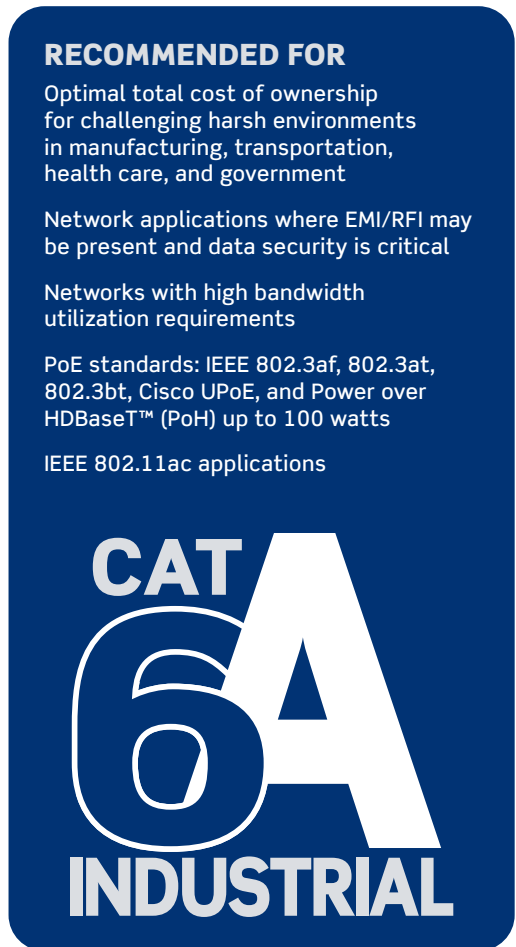
Network applications where EMI/RFI may be present and data security is critical

Networks with high bandwidth utilization requirements

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

IEEE 802.11ac applications

SYSTEM ELEMENTS

LEVITON HOUSINGS AND WALLPLATES

DURAPORT® JACK HOUSINGS

- Twist-lock mating allows for easy installation and provides a robust seal
- Compatible with all Atlas-X1® and eXtreme® QuickPort® Jacks (sold separately)
- Captive cap with retainer protects and seals unused ports



DURAPORT STAINLESS-STEEL WALLPLATES

- Patented overmolded gasket on wallplates provides a watertight fit
- Safeguards network in severe conditions and resists moisture and dust
- Provides a complete seal without o-rings
- Compatible with standard NEMA boxes



LEVITON JACKS

ATLAS-X1 CAT 6A SHIELDED QUICKPORT JACKS

- Tested and approved for air-handling spaces (plenum rating, 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
- Unique tool-free design requires no specialized termination or re-termination tool
- Proudly manufactured in the U.S.



LEVITON PATCH PANELS

ATLAS-X1 CAT 6A SHIELDED QUICKPORT PATCH PANELS

- Stainless-steel “comb” maintains consistent ground path between jack and panel
- Available in 1RU 24-port and 2RU 48-port angled configurations
- Accepts all shielded QuickPort jacks
- Shielding protects against EMI and RFI, and provides excellent alien crosstalk (AXT) suppression



LEVITON PATCH CORDS

ATLAS-X1 CAT 6A SLIMLINE BOOT SHIELDED PATCH CORDS

- Cable construction provides data security and EMI/RFI protection
- Tested and verified for TIA Cat 6A component and channel requirements
- Nominal outer diameter of .24" reduces cable pathway congestion
- 26-gauge stranded for maximum flexibility
- SlimLine boot supports high-density patching and easy extraction with extended-reach latch release
- Snagless boot design prevents tab breakage during MACs
- Excellent alien crosstalk (AXT) suppression
- Country of Origin is U.S., manufactured using Berk-Tek cable
- Make-to-order custom lengths with quick turnaround times



DURAPORT PATCH CORDS

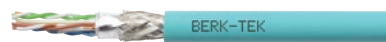
- IP67 rating safeguards connectivity from dust and water ingress
- Available in industrial plug to industrial plug, and industrial plug to RJ-45 plug configurations
- Cat 6A shielded and Cat 6 UTP available in 3' to 50' lengths, black
- Compatible with Leviton heavy-duty Weatherproof Boxes, available in single-gang (1GM53, 1GM73) and two-gang (2GM53, 2GM55, 2GM73, 2GM75)



BERK-TEK CABLE

LANMARK™-C637 HIGH-FLEX SHIELDED CABLE

- Suitable for the most demanding, continuous motion, industrial applications
- High-Flex 26-gauge stranded conductor maintains performance in high vibration environments
- Smaller outside diameter of 0.29 inches
- CMR and CMX Outdoor rating allows for easy transition from indoor to outdoor environments
- Verified to ANSI/TIA-568.2-D Category 6A
- Proudly manufactured in the U.S.



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

LEVITON HOUSINGS				
Housing with Cap (jack sold separately)				D6700-00E
Cap (housing not included)				D6701-00E
LEVITON WALLPLATES				
	1 PORT, SINGLE GANG	2 PORT, SINGLE GANG	2 PORT, DUAL GANG	4 PORT, DUAL GANG
DuraPort Industrial Wallplate, stainless steel	D6710-1S1	D6710-1S2	D6710-2S2	D6710-2S4
LEVITON JACKS				
	STANDARD	STANDARD (GREENPACK® 12-PACK)	SHUTTERED	ADDITIONAL ICONS
Atlas-X1 Cat 6A Shielded QuickPort Jack	6ASJK-R*6	6ASJK-C*6	6ASJK-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 6A SlimLine Boot Patch Cord				6AS10-xx*
DuraPort Industrial Plug to Industrial Plug				D6722-##E
Industrial Plug to RJ-45 Plug				D6723-##E
BERK-TEK CABLE				
		TEAL	BLACK	
LANmark-C637, reel (1000 ft)		11099211	11101963	

* = 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)
 ^ = Jack Color: White (W), Gray (G), Black (E) + = Sold empty, load with 6ASJK jacks 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) ## = Length in feet: 03, 05, 07, 10, 15, 20, 35, 50