

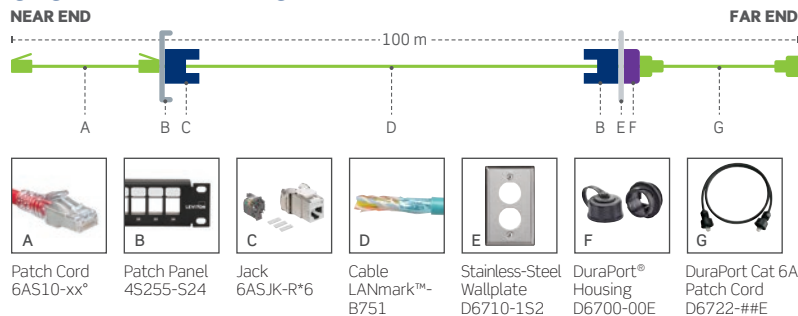
SYSTEM DATA SHEET

# IS6710 | CAT 6A F/UTP INDUSTRIAL SYSTEM

High performance shielded Cat 6A system for medium-duty industrial and harsh environment applications. Solid conductor, 600V, sunlight resistant PVC jacket rated CMR-CMX Outdoor.

- Berk-Tek 23-gauge solid conductor cable is suitable for medium-duty static industrial applications, 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

## SYSTEM ELEMENTS



### 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 HDBase™ (PoH) up to 100 watts

IEEE 802.11ac applications

# CAT 6A INDUSTRIAL

## 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 tine 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™-B751 FTP SOLID CONDUCTOR CABLE

- Suitable for light to medium duty, static, industrial applications
- CMR and CMX Outdoor rating allows for easy transition from indoor to outdoor environments
- Lower bit errors, resulting in increased network performance
- Verified to ANSI/TIA-568.2-D Category 6A
- 23 gauge
- 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                                  |                     |                               |                   |                   |
| LANmark-B751, reel (1000 ft)                    |                     |                               |                   | TEAL<br>11099214  |

\* = 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

° = Color: White (W), Yellow (Y), Blue (L), Black (E), Red (R), Green (G), Gray (S), Orange (O), Violet (V)

xx = Length: 3, 5, 7, 10, 15, 20 feet

## = Length in feet: 03, 05, 07, 10, 15, 20, 35, 50