

## DuraPort™ Industrial Cat 6 Patch Cords

### APPLICATION

DuraPort Industrial Cat 6 Patch Cords provide IP67-class protection to safeguard your connectivity from ingress of dust and water conditions often found in the industrial environment.



### SPECIFICATION

Industrial Plug-to-Industrial Plug and Industrial Plug-to-RJ-45 Plug patch cords shall be IP67 rated. The patch cords shall be stranded tinned UTP, with an 8-position modular plug on each end. The cords shall be available in lengths of 3, 5, 7, 10, 15, 20, and 50 feet. The cords shall be compliant with ANSI/TIA-1005 and ANSI/TIA-568.2-D. All plastics used in construction of the connector bodies shall be fire retardant with a UL flammability rating of 94V-0.

### DESIGN CONSIDERATIONS

- ANSI/TIA channel performance limits the total length of work area and equipment room cords to 32 feet (10 meters) per ANSI/TIA-568.2-D or 88.6 feet (27 meters) in a MUTOA application
- Designed for use with DuraPort Industrial Connector Housings and QuickPort connectors to provide IP67 protection against dust and water

### COUNTRY OF ORIGIN

Taiwan

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

### FEATURES

- IP67-rated Environmental Sealing (dust/water protection)
- Industrial Plug o-ring and gasket provides dual seal feature
- Withstands ingress of water during washdown
- Sealing nut provides strain relief and seal to prevent contamination from liquids and dust
- Patch cords available in Industrial Plug-to-Industrial Plug and Industrial Plug-to-RJ-45 Plug
- Available in seven standard lengths (custom lengths available)
- Twist-lock design for faster installation and changes
- Encapsulated RJ-45 design protects integral components
- Patented design
- Cat 6 UTP cable — 24-gauge stranded

### PHYSICAL SPECIFICATIONS

<b>Ingress Protection:</b>	IEC 60529 IP67 (dust/water)
<b>Temperature:</b>	-40°C to 65°C (-40°F to 149°F)
<b>Jacket Flame Rating:</b>	UL 444 CMX-Outdoor (VW-1 flame test)
<b>Sunlight Resistance:</b>	UL 444 7.22 720 hours
<b>Oil Resistance:</b>	UL 1581 (Elongation and Tensile Strength). Aged in oil 168h @ 60°C. 97.1% retention of original elongation, 100% retention of original tensile strength.
<b>Abrasion:</b>	UL 2556 7.10 2,000 cycles/100g load
<b>Cold Bend:</b>	UL 444 -20°C
<b>PoE:</b>	Up to 32-cable bundle for 100 watts at 45°C ambient temperature
<b>Vibration:</b>	Frequency Range 10-500Hz Acceleration 5g operational
<b>Mating Cycles:</b>	750 minimum
<b>Cable Diameter:</b>	0.283" (7.2mm)
<b>Materials:</b>	
Plug Housing	Polybutylene Terephthalate (PBT)
Cable Outer Jacket	Thermoplastic Elastomer (TPE)
Cable Cordgrip	Nylon 6/6 with Buna N seal gland
RJ45 Boot (D6721)	Thermoplastic Elastomer (TPE)

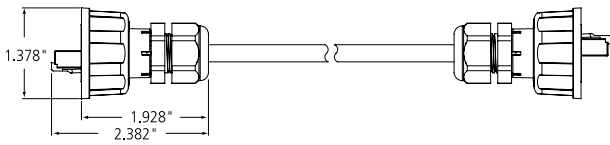
### STANDARDS COMPLIANCE

- ANSI/TIA-1005-A and ANSI/TIA-568.2-D Category 6
- cULus Listed (UL1863, CAN/CSA-C22.2 No. 182.4-1990)
- IEC 60529
- IEEE 802.3bt PoE: Type 1 (15.4 W) formerly 802.3af, Type 2 (30 W) formerly 802.3at, Type 3 (60 W), Type 4 (90 W)
- Cisco UPoE (60 W), UPoE+ (90 W)
- Power over HDBaseT™ PoH (95 W)

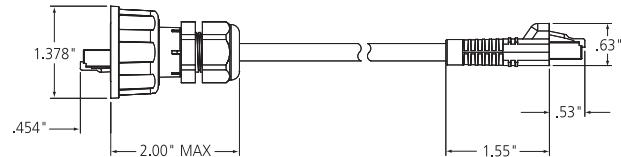
D6720-xxE, D6721-xxE

**ELECTRONIC FILES**

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).



**Industrial Plug-to-Industrial Plug**



**Industrial Plug-to-RJ45 Plug**

**D6720-xxE, D6721-xxE**

**CAT 6 DURAPORT INDUSTRIAL PATCH CORDS**

Description	Industrial Plug-to-Industrial Plug	Industrial Plug-to-RJ45 Plug
	Part No.	Part No.
DuraPort Industrial Patch Cords, 3 feet	D6720-03E	D6721-03E
DuraPort Industrial Patch Cords, 5 feet	D6720-05E	D6721-05E
DuraPort Industrial Patch Cords, 7 feet	D6720-07E	D6721-07E
DuraPort Industrial Patch Cords, 10 feet	D6720-10E	D6721-10E
DuraPort Industrial Patch Cords, 15 feet	D6720-15E	D6721-15E
DuraPort Industrial Patch Cords, 20 feet	D6720-20E	D6721-20E
DuraPort Industrial Patch Cords, 50 feet	D6720-50E	D6721-50E