

DuraPort® Industrial Patch Cords

APPLICATION

DuraPort industrial connectivity products provide IP67-class protection to safeguard your connectivity from humidity/moisture, corrosive materials, temperature extremes, and other conditions often found in the industrial environment.



SPECIFICATION

Industrial Plug-to-Industrial Plug and Industrial Plug-to-RJ45 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, and 20 feet. The cords shall be compliant with TIA/TR 42.9 Industrial Draft specifications, and ANSI/TIA-568-B.2-1 (Category 6). All plastics used in construction of the connector bodies shall be fire retardant with a UL flammability rating of 94V-0.

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

COUNTRY OF ORIGIN

Taiwan

FEATURES

- IP67-rated Environmental Sealing (dust/water protection)
- Patch cords available in Industrial Plug-to-Industrial Plug and Industrial Plug-to-RJ45 Plug
- Available in six standard lengths (custom lengths available)
- Industrial Plug o-ring and gasket provides dual seal feature
- Twist-lock design for faster installation and changes
- Encapsulated RJ45 design protects integral components
- Sealing nut provides strain relief and seal to prevent contamination from liquids and dust
- Patented design
- CAT 6 cable

DESIGN CONSIDERATIONS

- ANSI/TIA channel performance limits the total length of work area and equipment room cords to 32 feet (ten meters) per ANSI/TIA-568-B.2-1 or 88.6 feet (27 meters) in a MUTOA application
- Designed for use with DuraPort Industrial Connector Housings to provide IP67 protection against dust and water

STANDARDS COMPLIANCE

Complies with TIA/TR 42.9 Industrial Draft, ANSI/TIA-568-B.2-1 (Category 6), and ANSI/TIA-568-C.2. cULus Listed (UL 1863, CAN/CSA-C22.2 No. 182.4-1990).

PHYSICAL SPECIFICATIONS

Ingress Protection:	IP67 (dust/water)
Corrosion:	Resistant to most common chemicals, oils, and cleaning agents
Temperature:	-40° C to 65° C (-40° F to 149° F)
Vibration:	Frequency Range 10-500HZ Acceleration 5g (operational) Mating Cycles: 750 minimum
Materials:	
Plug Housing	Polybutylene terephthalate (PBT), UL 94V-0
Cable Outer Jacket	Thermoplastic Elastomer
Gasket and O-Ring	Thermoplastic Elastomer
Connector Boot	Thermoplastic Elastomer

Spring wire contacts are high-quality copper-based alloy, plated with 50 micro-inches of gold over 100 micro-inches of nickel for lowest electrical contact resistance and maximum life.

D6720-xxE, D6721-xxE

Page 1 of 2

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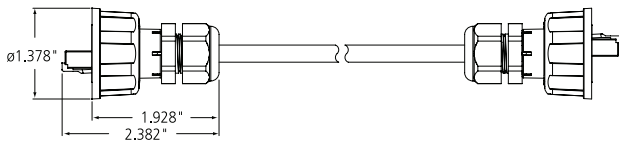
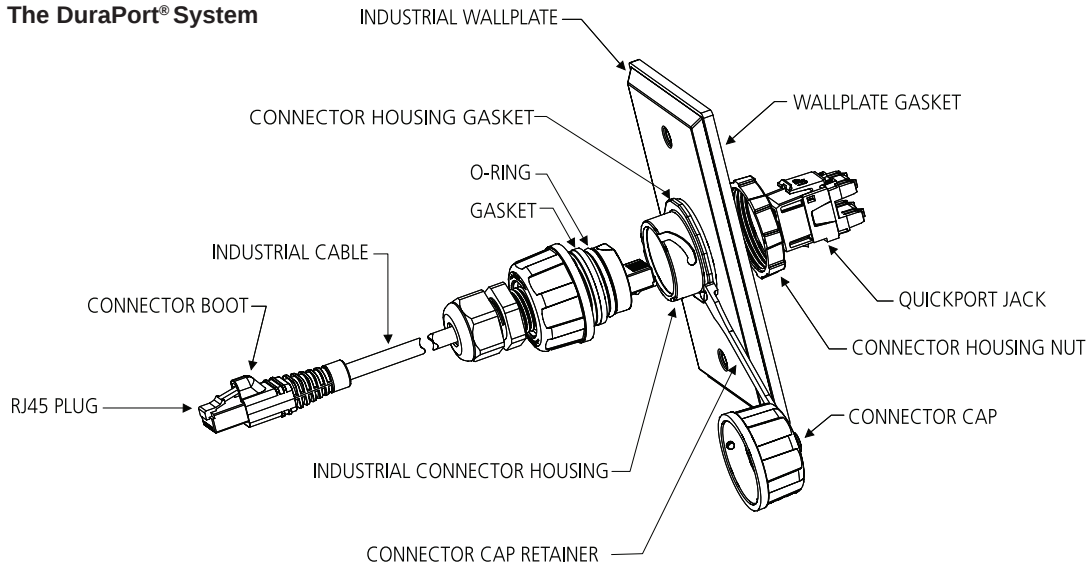
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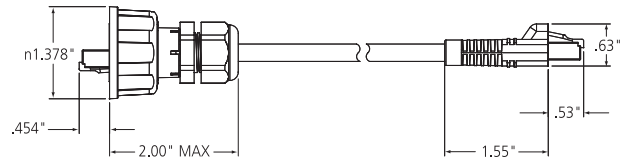
ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

The DuraPort® System



Industrial Plug-to-Industrial Plug



Industrial Plug-to-RJ45 Plug

D6720-xxE, D6721-xxE

PART NUMBERS

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



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