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.

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 (patent pending)
- Quick-mating action of DuraPort connectors and cords keeps downtime to a minimum
- Encapsulated RJ45 design protects integral components
- Sealing nut provides strain relief and seal to prevent contamination from liquids and dust
- Patent pending design

STANDARDS COMPLIANCE

Meets or exceeds all applicable standards: complies with TIA/TR 42.9 Industrial Draft, TIA/EIA-568-B.2-1 (Category 6).

PHYSICAL SPECIFICATIONS

Ingress Protection:	IP67 (dust/water)
Corrosion:	Resistant to most common chemicals, oils, and cleaning agents
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.

Pictured: Industrial Plug-to-Industrial Plug Patch Cord

DESIGN CONSIDERATIONS

- TIA/EIA channel performance limits the total length of work area and equipment room cords to 32 feet (ten meters) per TIA/EIA-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

WARRANTY INFORMATION

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

TYPICAL 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 3, 5, 7, 10, 15, and 20 foot lengths. The cords shall be compliant with TIA/TR 42.9 Industrial Draft specifications, and TIA/EIA-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.

ELECTRONIC FILES

For CAD files, Typical Specs, or Dimensional Line Art (.DXF, .DWG, MS-DOS.eps or .TXT), visit www.leviton.com

DuraPort™ Industrial Patch Cords

ISO 9001 REGISTERED Quality Manufacturer

For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005.
Spec sheets and updates are also available at www.leviton.com.

2222 – 222nd St. SE • Bothell, WA 98021 USA
Tel: 1-800-722-2082 / 1-425-485-4288 • Fax: 1-425-483-5270 • Int'l Fax: 1-425-485-9170 • GSA Schedule Available.

LEVITON®
Building a Connected World
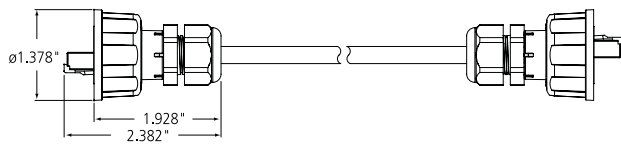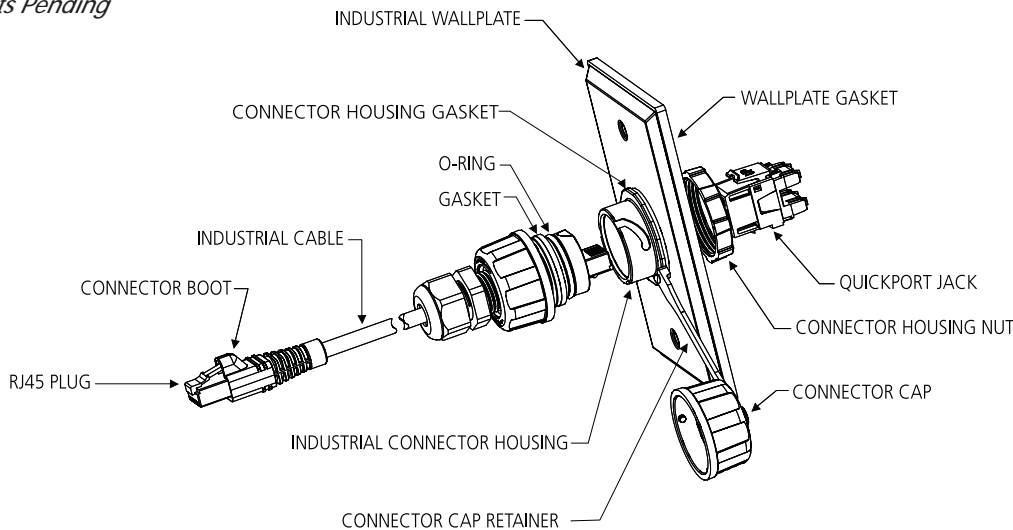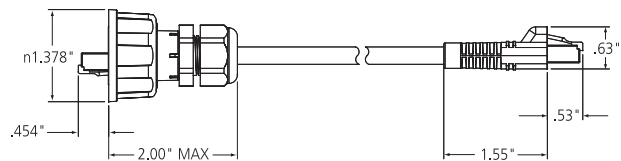
DIMENSIONAL LINE ART
For Dimensional Line Art (.DXF, .DWG, MS-DOS.eps or .TXT),
log on to www.leviton.com.

The DuraPort System
Patents Pending

Industrial Plug-to-Industrial Plug

Industrial Plug-to-RJ45 Plug

PART NUMBERS

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

LEVITON®
Building a Connected World

ISO 9001 REGISTERED Quality Manufacturer

F/7   #2164