

Datasheet for 76650-0174

General Information

Part Number:	76650-0174
Manufacturer:	Molex / Waldom
Title:	Sealed RJ-45 Industrial Connector Kit
Description:	In-Line, PCB and Panel Mount Receptacle, Plug, Receptacle and Dust cover
Product Family:	RJ-45
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant
Country of Origin:	Kit assembled in U.S.A.

Specifications

Design

Configuration: (Wire-to-Board) and (Wire-to-Wire)

Connector Type: Receptacles and Plugs, Cables

Mounting

Orientation: Vertical (Receptacles)

Current Rating: 1.5 Amps

Voltage: 125 Volts

Product Highlights

Ethernet connectors are of Category 5e transmission performance and TIA/EIA-568-B (RJ-45) connection interface. RJ-45 EtherNet/IP* Cordsets and Receptacles are ideal for use in environments where EtherNet protocol is used, including manufacturing facilities, water treatment plants and transportation hubs. Designed with one sealing surface, the connectors ensure optimum performance even in harsh environments. Meets NEMA 6P and IP 67 rating.

*EtherNet/IP and †DeviceNet are trademarks of the Open DeviceNet Vendor Association.

Features and Benefits

- Meets NEMA 6P and IP 67 rating
- Bayonet-style latch receptacle provides quick and easy connection and ensures proper insertion depth with mating
- Ease-of-use
- Meets Open DeviceNet † Vendors' Association and ControlNet ‡ Vendors' Association IP Specifications
- One Sealing Surface means less likelihood of failure
- Easy termination allows custom length cable to be made in field
- Robust bayonet style lock
- Simple error free mating

Applications

- Test and Measurement Equipment
- Medical Devices
- Factory Networking Installations
- Production Equipment
- Industrial Environment: Food and Beverage, Automotive, Chemical and Other continuous and batch processes
- Water Treatment plants: Waste water, Municipal drinking water
- Transportation Hubs: Airports, Bus Stations, Rail Stations
- Metal and explosive detectors
- EDS's (Explosive Detection System)
- ETD's (Explosive Trace Detector)

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For additional Molex / Waldom Design and Solution Kits please go to www.molexkits.com

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Bill of Materials for Part No. 76650-0174

Molex Part No.	Country of Origin	Description	Quantity in Kit
84700-0001	Mexico	Receptacle Panel Mount Assembly RJ-45 CAT5e	2
84700-0002	Mexico	Plug Field Wireable Assembly RJ-45 CAT5e	3
84700-0003	Mexico	Dust Cover for RJ-45 Bayonet-Style Latch Connector	3
84702-0005	Mexico	Receptacle PCB Mount Assembly RJ-45 CAT5e	1
84702-0006	Mexico	Receptacle Punchdown Panel Mount RJ-45 CAT5e	1

No Recommended Molex Tool for Part No. 76650-0174