IP68 Rated Outdoor
RJ45 Ethernet Connector

Features

- **Patent Pending Low Cost Design**
- **Field replaceable waterproof connector system for RJ45 shielded or unshielded connectors.**
- **Constructed of UV protective materials for long life in harsh outdoor environments.**
- **Seal meets IP68 criteria.**
- **Shock and vibration resistant.**
- **Positive locking RJ45 connector**
- **12" Cat5E strain relieved cable**

Applications

- **Wireless Base Stations**
- **Wireless Client Radios**
- **Direct Burial Equipment**
- **Industrial Process Control**

- **Telecom Equipment**
- **802.11 a/b/g wireless Systems**
- **10BaseT, 100BaseT or 1000BaseT Networks**
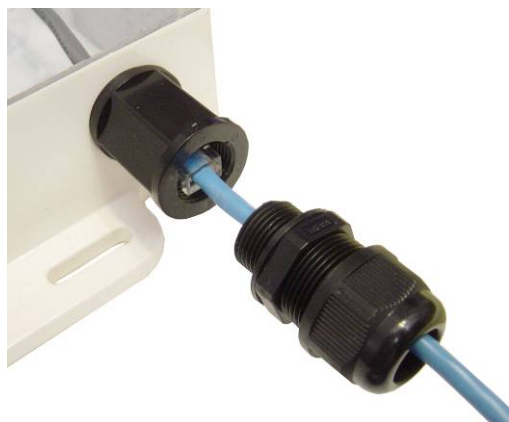- **Factory Automation**

Description

The Patent Pending RJ45-ECS connector system exclusively from Pacific Wireless is a field replaceable outdoor rated and shielded Ethernet connection system for high speed 10BaseT, 100BaseT and 1000BaseT networks. The system features a shielded RJ45 Receptacle mounted in a UV protected housing and a mating cable gland which passes an RJ45 connector and seals the cable to IP68 requirements. The system provides for quick and easy disconnect and reconnect of equipment. Because of its many unique design features and low cost, the RJ45-ECS is a universal solution for many industries where a sealed and waterproof, yet removable, Ethernet connection is required. These include outdoor applications such as wireless equipment or video surveillance equipment and indoor applications such as equipment used in factory automation or harsh industrial processes.

RJ45 connectors are not designed for high reliability in the presence of moisture, dust or corrosive elements. For this reason, the IP68 sealing ability of the RJ45-ECS connector system provides a reliable connection, even in very harsh environments, for many years of trouble free service. The shielded nature of the Cat5e cable and connectors provide maximum shielding against external EMI for consistent data communications.

For modern wireless systems, the quick disconnect feature allows for ready replacement of rooftop equipment, to minimize field time spent servicing customer's equipment, and minimizing downtime for the customer. This helps to increase operator profitability and customer satisfaction.

RJ45-ECS

Specifications

Data	10BaseT, 100BaseT and 1000BaseT Networks CAT5e per TIA/EIA 568B ClassD per ISO/IEC 11801
Mechanical	Mating Cycles >500 Positive RJ45 bayonet coupling Cat5 Cable Strain Relief
Sealing	IP68
Salt Spray	>1000h
Flammability	UL94VO
Thermal Shock	10 cycles -40 to +100 deg C
Temperature Range	-40 deg C to +85 deg C
Installation Hole Dia	0.787" (20mm)
Overall Size (L x Dia)	3.75" x 1.18" (95 x 30mm)
Weight	2 oz (57gm)

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All DCE Products carry a 2 Year Warranty

System Ordering:

      RJ45-ECS   RJ45 Ethernet Waterproof Outdoor Connector System

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