CONEC®
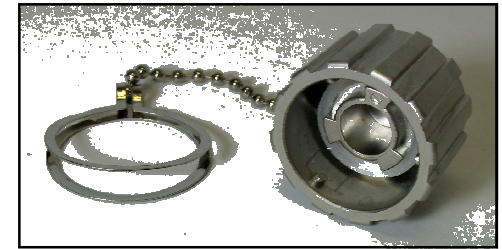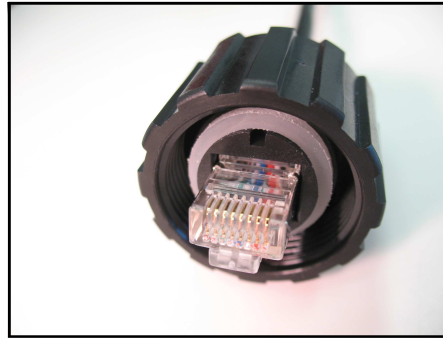## TECHNOLOGY IN CONNECTORS™

IP67 Cat. 5e RJ45 Sealed Industrial Ethernet Circular Connector System

The Ethernet network technology has now been made "industry capable" as an Industrial Ethernet version.
The IP67 RJ45 system technology provides increased protection for the connector system against contamination and moisture (IP67 rating) and increases mechanical stability, temperature resistance, vibration immunity and protection against EMI RFI.

Technical Specifications

- IR 500MΩ min. @100 VDC
- DWV: 1000 VDC/60s—contact to contact
- Operating Temp.: -40ºC to +85ºC
- Contact Resistance: 20mΩ max.
- Current Rating: 1.2A max @ 25º C
- Working Voltage: 100V

Materials & Finishes:
- Main Housing: Plastic version: PBT; Black UL94 V-0
                 Metallized plastic: ABS; nickel plate
                 Full metal: Zinc die cast ; Nickel plate
- Panel Nut: Brass; Nickel plated
- Panel Gasket: Silicone
- RJ45 Metal Shell: Copper Alloy; Nickel Plated
- RJ45 Contact: Phosphor Bronze; 50µ Gold over Nickel
- Plug housing: Clear Polycarbonate (UL94 V-0)

Features and Benefits

- IP67 in mated condition—potted versions available for additional Ingress Protection.
- Meets EIA/TIA-568-B.2 Cat. 5e Specification
- Quick lock and release bayonet style interface IAW IEC-61076-3-106. also available with M28 screw type
- Protective Caps with lanyards
- UV Resistant
- IDC and PCB termination
- Patch cables in 2, 4 & 5 meter lengths—consult Conec for special lengths
- RoHS and REACH compliant

Applications

- Industrial Machinery
- CNC Machines
- Communication Equipment
- Food and Chemical Process Equipment
- Railway Network Systems
- Oil Exploration
- Diagnostic Equipment
- Printers, Display
- Factory Automation, Robotics
- Outdoor Telecom Systems
- Entertainment Systems
- Video Control, Motion Control

For additional information regarding this product contact the Conec technical support staff: Peter Persico 919-460-8800 (ppersico@conec.com).