

# Instruction Sheet

## Patent Pending IP68 Rated Outdoor RJ45 Connector System

**Step 1:** Prepare enclosure by drilling a 20mm (0.787”) hole in the enclosure. Install RJ45 housing into enclosure. The rubber gasket should be on the outside of the enclosure to insure proper sealing.

**Step 2:** Trim about ½ the length of the bayonet tab from the customer cable connector that will be external to the enclosure (not the RJ45 connected to the RJ45-ECS). This trimming is required to prevent interference when the RJ45-ECS cable feedthru is screwed into the RJ45-ECS housing

**Step 3:** Feed the customer cable RJ45 connector thru the feedthru assembly as shown. There may be a “skin” on the compression gasket assembly. Just remove this by grasping with the fingers and tearing it away.

**Step 4:** Slide the compression gasket insert into the compression gasket assembly until it is flush with the end of the assembly

**Step 5:** Install the compression nut and tighten loosely

**Step 6:** Screw the entire feedthru assembly into the RJ45-ECS housing which is already mounted in the enclosure. There should be a rubber gasket between the two assemblies. Tighten the feedthru assembly to create a seal.

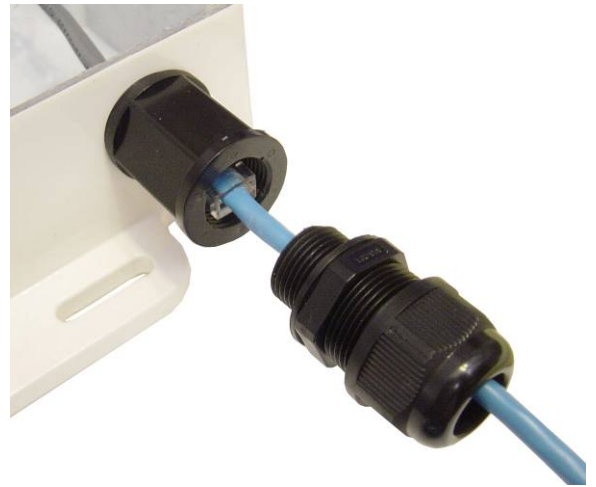
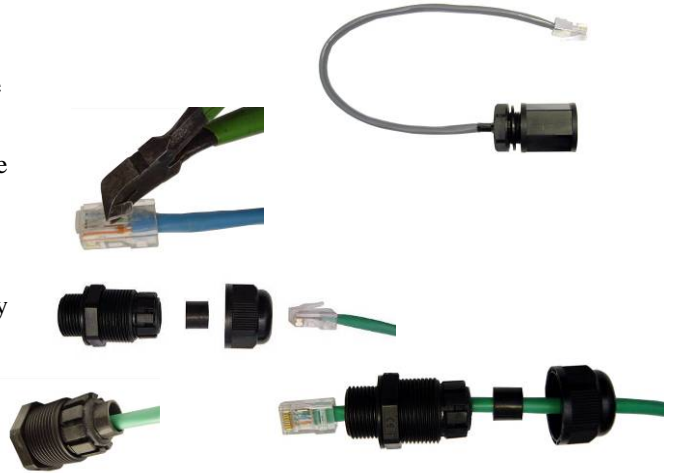
**Step 7:** The final step is to tighten the compression nut until the gaskets are tight around the Cat5 cable.

### Disassembly

**Step 1:** Loosen the compression nut to relieve pressure on the Cat5 cable

**Step 2:** Unscrew the feedthru assembly from the RJ45-ECS housing

**Step 3:** Using a small screwdriver depress the RJ45 bayonet lock to release the RJ45 connector from the socket.



### Specifications

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