

## C9101, C9102, C9103 NETWORK CABLES

The C910x Series Network Cables are used to interface U9100 series endpoints (Headset Stations [U9110, U9111, U9112 or U9113] and/or Wireless Gateways [U9120-W4]) to the U9100 Digital Intercom Master Station. One end of the cable connects to the Master Station and the other end connects to the endpoint. The network connectors on the C910x series cables are rated IP-68 for ingress protection when mated properly.

### Parts/Tools Required

- C910x Series Network Cable
  - C9101 (P/N 40892G-24); 2 meter (approx. 6.5 feet) cable assembly
  - C9102 (P/N 40892G-25); 3 meter (approx. 9.5 feet) cable assembly
  - C9103 (P/N 40892G-26); 5 meter (approx. 16 feet) cable assembly
- Wire ties

### Procedure

- Each cable should be routed as far as possible from radio antenna coax cables and anywhere water may collect
- Determine the required cable assembly by length for each run, route the cable assembly and secure properly, ensuring that any bend in the cable not exceed a 1" bend radius.
- To connect to an IP-protected RJ-45 jack on either a U9101 Switch Card (as installed on the U9100 Master Station) or a 9100 Series Endpoint (as defined above), align the conductor end of the RJ-45 connector with the proper side of its mate and push the connector/shell assembly straight in, until the side locking tables lock into place.
- To disconnect, first push the connector in towards the module, slightly but assertively, then squeeze both tabs in towards the connector shell to clear their locking mates on the jack. Then, while squeezing the tabs, pull the connector straight out of its mate.

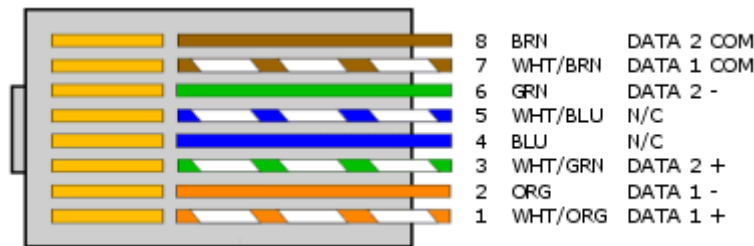


Figure 1 - RJ45 pinout

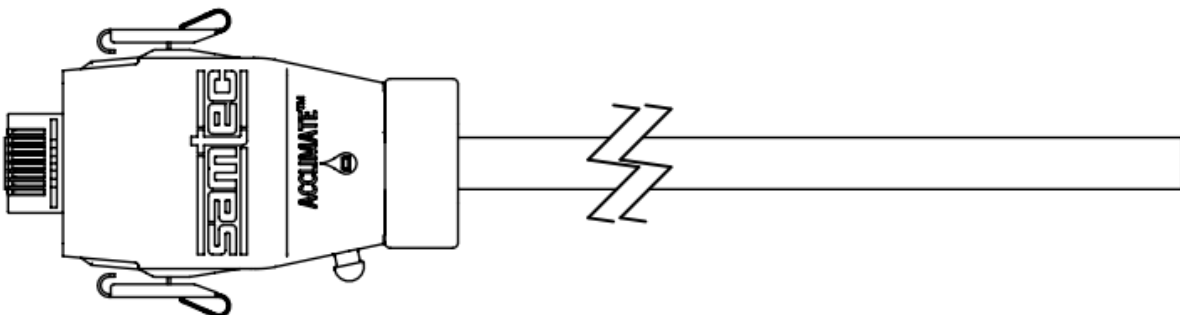


Figure 2 - Waterproof connector