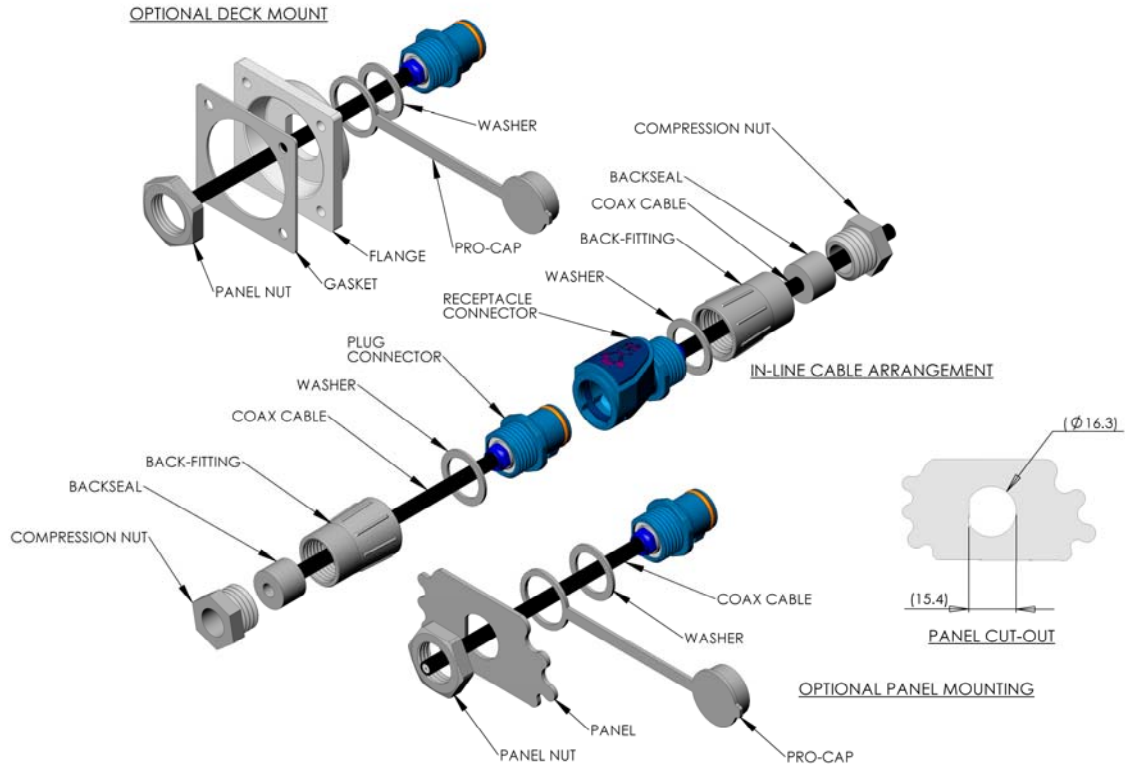


# TERMINATION INSTRUCTIONS FOR THE QUICK CONNECT COAXIAL CONNECTOR

**PLEASE READ AND FULLY UNDERSTAND THESE INSTRUCTIONS PRIOR TO TERMINATING THE CONTACTS. IT IS THE USER'S RESPONSIBILITY TO USE THIS PRODUCT WITH CARE. IF IN DOUBT CONSULT A QUALIFIED ELECTRICAL ENGINEER.**

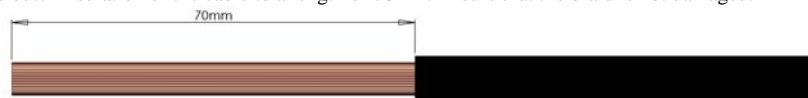


## 1. ASSEMBLY SEQUENCE.

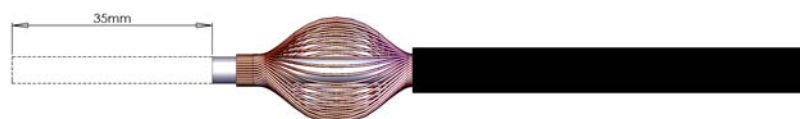
- A. Determine the appropriate mounting method and back-fittings to suit the application. Only remove enough cable jacket to allow installation of contacts. (See stripping lengths shown in diagram above). Jacket must pass through backseal when fitted in order to maintain sealing performance.
- B. Locate back-fitting components, seals, washers, panel nuts etc. in the correct order and orientation over wires as shown in the example above.
- C. Prepare cable as shown below.
- D. Solder contacts as shown below.
- E. Slide back-fitting components into place and tighten to provide a water resistant seal. Locate pro-cap over front face of plug and pinch stem to retain. **Important note.** When the connector is panel mounted or deck mounted using the panel nut, the nut must be tightened to provide a water resistant seal to a maximum torque setting of 2.25Nm (20lb/ins).

## 2. CONTACT TO CABLE TERMINATION

- A. Trim back the outer insulation of the cable to a length of 70mm. Ensure that the braid is not damaged.



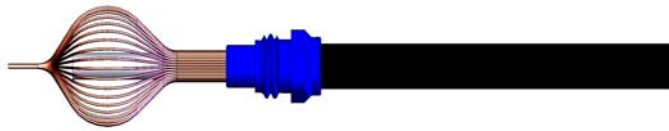
- B. Bush back braid and trim 35mm from the dielectric and conductor.



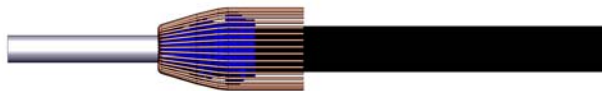
- C. Pull braid forward over remaining dielectric and place end nut over cable.



D. Push back end of braid as shown.



E. Carefully comb back braid over end nut to expose dielectric.



F. Push braid ring onto end nut to trap braid. This should be a tight fit. Trim back excess strands of braid.



G. Push rear insulating bush onto dielectric until it butts up against braid ring. Make a small mark on the dielectric flush with the end of the rear insulating bush.



H. Remove rear insulating bush and cut off dielectric at point where mark was made. Ensure that conductor is not damaged. Replace rear insulating bush and trim conductor to a length of 2mm.



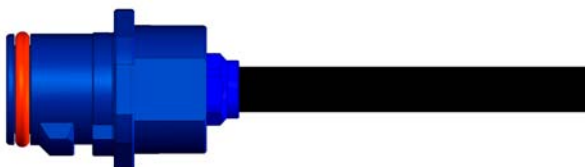
J. Solder contact onto conductor using solder hole. (see appendix)



K. Push front insulating bush onto rear insulating bush.



L. Tighten end nut in connector until it is approximately flush with rear of connector.



#### Soldering Wire to Contacts

- i) Apply heat (approx. 370°C soldering iron) to the contact approximately 180° from solder hole.
- ii) Feed solder (60/40 with R or RMA Flux) into solder hole. Allow to cool.
- iii) Inspect to ensure there are no sharp spikes or dry joints.

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