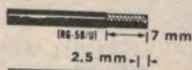


# Assembling coax plugs

Have you ever had trouble connecting those fiddly coaxial plugs? We've laid it all out for you here — the official, correct, good oil, approved method!

## BNC CONNECTORS Standard Clamp

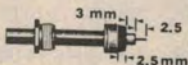
1. Strip jacket. Fray braid and strip dielectric. Don't nick braid or conductor. Tin conductor.



2. Taper braid. Slide nut, washer, gasket and clamp over braid. Clamp inner shoulder should fit squarely against end of jacket.



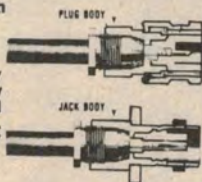
3. With clamp in place, comb out braid, fold back smooth as shown. Trim 2.5 mm from end.



4. Solder contact on conductor through solder hole. Contact should butt against dielectric. Remove excess solder from outside of contact. Avoid excess heat to prevent swollen dielectric which would interfere with connector body.

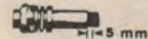
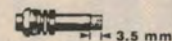


5. Push assembly into body. Screw nut into body and wrench until tight. Don't rotate body on cable to tighten.



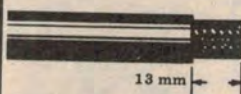
## BNC CONNECTORS (IMPROVED CLAMP)

1. Follow 1, 2, 3 and 4 above except as noted. Strip cable as shown. Slide gasket on cable with groove facing clamp. Slide clamp on cable with sharp edge facing gasket. Clamp should cut gasket to seal properly.

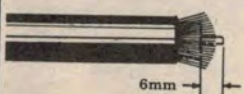


## N CONNECTORS

1. Remove 13mm of vinyl jacket. When using double shielded cable, remove 14mm.



2. Comb out copper braid as shown. Cut off dielectric 6mm from end. Tin centre conductor.



3. Taper braid as shown. Slide nut, washer and gasket over vinyl jacket. Slide clamp over



braid with internal shoulder of clamp flush against end of vinyl jacket. When assembling connectors with gland, be sure the knife edge is toward end of cable and groove in gasket is toward the gland.

4. Slide body into place carefully so that contact enters hole in insulator. Face of dielectric



must be flush against insulator. Slide completed assembly into body by pushing nut. When nut is in place, tighten with wrenches. In connectors with gland, knife-edge should cut gasket in half by tightening sufficiently.

Connector assembly information courtesy of Amphenol.