

## Fitting the BNC-59COMP BNC Connector using the V17-201 universal compression tool



- 1 Strip the RG 59 to expose about 5mm of the centre conductor. (Fig 1.)
- 2 Strip the outer plastic sheath to expose 5 – 6mm of the screening braid and foil. (Fig 2.)
- 3 Check there are for whiskers of braid likely to short to the centre conductor, and trim as necessary.
- 4 Mount the centre pin on the centre conductor, ensuring that the pin is seated against the cable dielectric. (Fig 3.)
- 5 Insert the pin/cable assembly into the BNC body with a pushing and twisting action.
- 6 Push and simultaneously twist the connector onto the cable until the cable is fully home and the pin is flush with the front face of the BNC plug. (Fig 4 & 5.)
- 7 Fit the round flat-disc anvil (from the side of the tool) in the adjustable jaw of the V17-201 compression tool, replacing the anvil for F-connectors. (Fig 6.)
- 8 Squeeze the handles to close the jaw of the compression tool without the cable and plug assembly. Adjust the closed length of the jaws to 31mm between the disc anvil and the spring loaded cable steady. This will correspond with the 5mm mark on the jaw base. (Fig 7.)
- 9 Lock off the adjustment nut.
- 10 Seat the cable/plug assembly into the compression tool taking care that the cable is correctly seated into the cable steady and the collet of the connector is flat against the cable steady. Make sure the cable is parallel to the compression tool jaw base. (Fig 8.)
- 11 Squeeze the tool handles steadily until the collet is closed against the body of the connector.
- 12 Release the handles of the tool and extract the connector/cable assembly.
- 13 You should now have a securely fitted BNC connector. (Fig 9.)

A simple DC continuity/short-circuit test can be carried out using a multimeter.



Figure 6



Figure 5



Figure 9



Figure 8



Figure 7

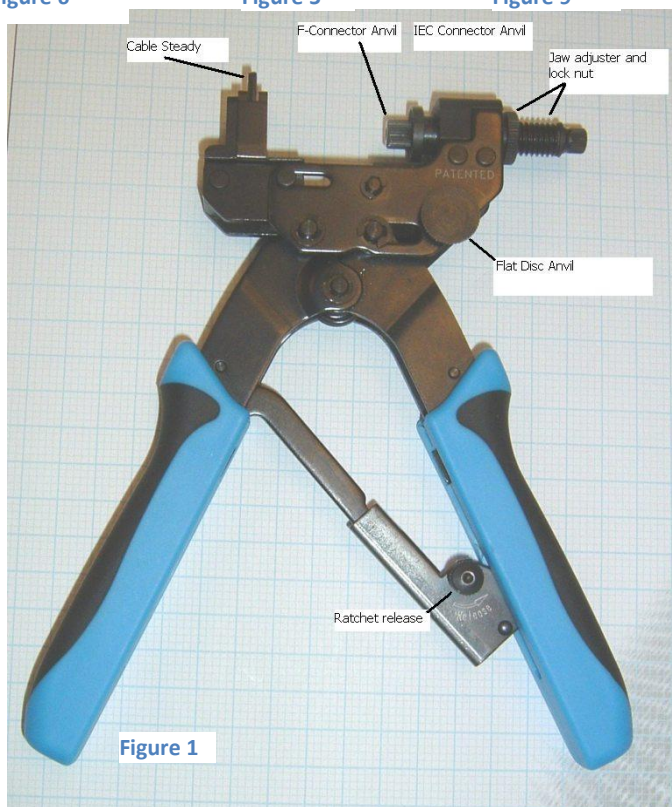


Figure 1



Figure 3



Figure 2



Figure 4