

ANTENNA INSTALLATION AND CONNECTIONS

The antenna should be mounted in a vertical position in an area on the bottom of the aircraft away from other antennas or landing gear.

The antenna coax cable should be a double shielded low loss cable and must have a cable loss of < 3 dB at 1090MHz, including connectors. A typical installation should have a cable loss of 1½ to 2 dB. Several suitable coaxes are RG142B and RG400.

The assembly of the rear panel coax connector included with the installation kit is illustrated in the following figure.

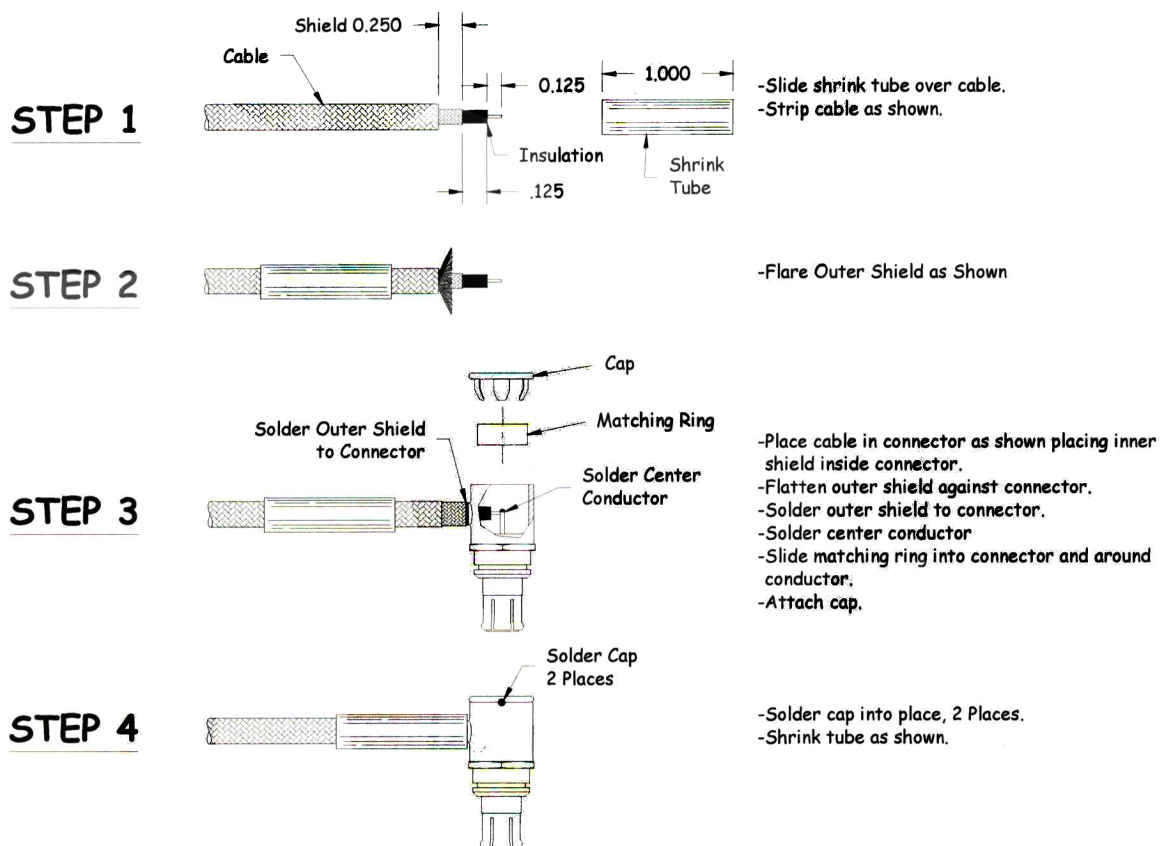


Figure 4 Coax Cable Assembly