

Counterpoise for a BaoFeng BF-F8HP

Materials

- ❑ Small insulated 22 inch wire

Procedure

- ❑ Step 1. Using a 22 inch length of insulated wire, strip the insulation from the end so that the stripped portion can be wound around the base of the antenna connection.
- ❑ Step 2. Measure from the insulation start at the stripped end 19 ¼ inches and cut at that spot.
- ❑ Step 3. Wrap the stripped portion of the wire around the base of the antenna connection and attach the antenna so that the wire is held in place.

Alternative Procedure 1

- ❑ Step 1. Obtain a circular connector that will fit around the base of the antenna.
- ❑ Step 2. Strip an end of the 22 inch wire such that it can be attached to the circular connector. Fasten and solder.
- ❑ Step 3. Measure from the end of the connector 19 ¼ inches and cut at that spot.
- ❑ Step 4. Put connector over the antenna base. If necessary, cut the loop of the connector so that it fits over the antenna base. Then attach the antenna so that the connector is held in place.

Alternative Procedure 2

- ❑ Step 5. Using a multimeter, test the continuity between the antenna ground (the outside of the antenna connector) and the screws on the back of the radio's case.
- ❑ Step 6. If one of the back screws has continuity with the antenna ground, attach a small connector to the end of the 22 inch wire that the screw will fit through.
- ❑ Step 7. Cut the wire length from the end of the connector to 19 ¼ inches.
- ❑ Step 8. Attach the connector to the radio screw.