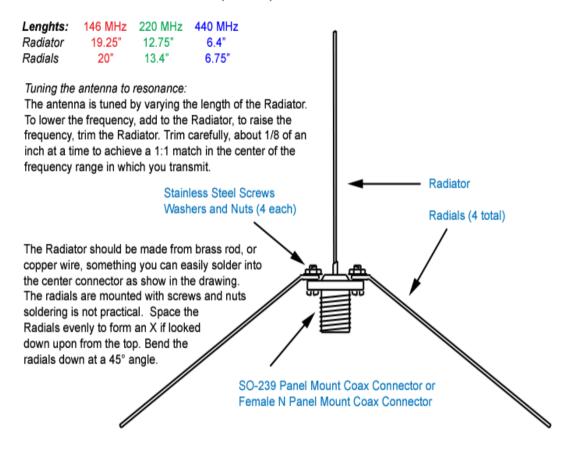
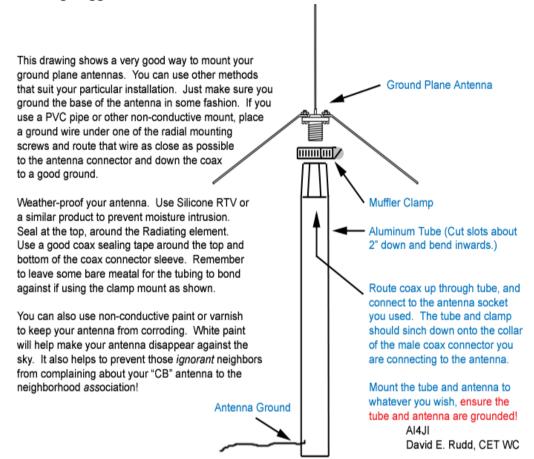
Ground Plane Antenna Plans for 146 MHz, 220 MHz and 440 MHz By AI4JI

Ground Plane Antennas for 2m, 1.25m, and 70cm



Al4JI David E. Rudd, CET WC

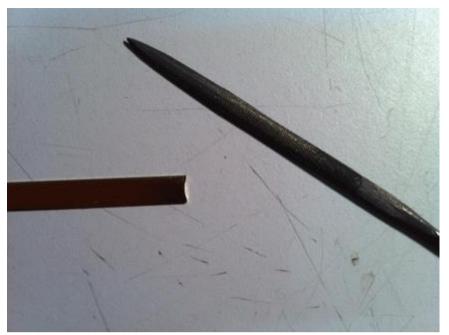
Mounting Suggestions for the Ground Plane Antennas

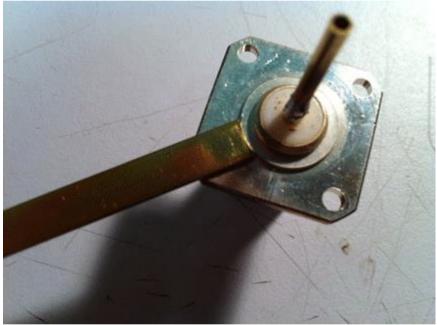




Solder an inch or so copper tube into the center post of your connector. strap for the Radials. Note the concave end of the lower radial.

Here I used Brass





I use a half-round needle file to make the concave cutout. with the raised circular portion of the connector.

Match the end



Mark and drill the holes in the end of the radials. the connector as shown. Do all 4 and bend down to 45°.

Bolt the radials to



Mounted for testing. I spray painted the antenna a flat primer grey to protect it, and make it less

reflective to blend into the background easier. These make great emergency antennas, stealth antennas, attic antennas, etc.