

J-Stick Antenna

$\frac{3}{4}$ Lambda Ground Plane

This type of antenna radiates the power in a circle around the antenna. The antenna is vertical polarised. Both elements are metallicly mounted on the plate. To adjust the S.W.R. move the cable connections in vertical way (variate the distance "A").

The distance "A" is around 8[cm] for 50[Ohm] cable and around 11[cm] for 75[Ohm] cable. The label "L" means lambda, the wavelength. In the schematic Aluminium pipe is used, but when the antenna is build from cupperpipe it's even more solid. Whatever pipe you use, the diameter has to be 12[mm].

