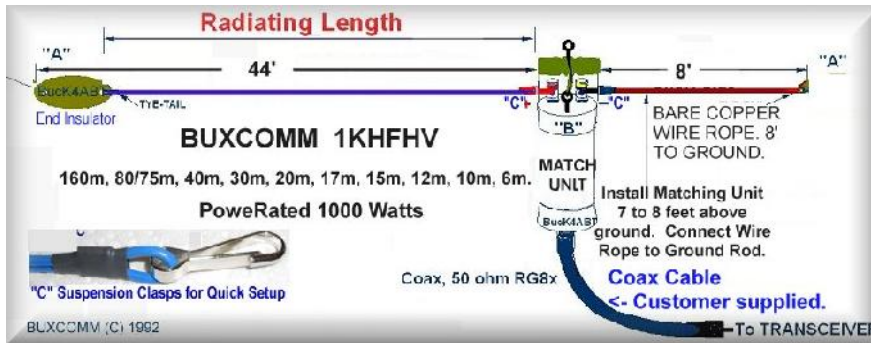
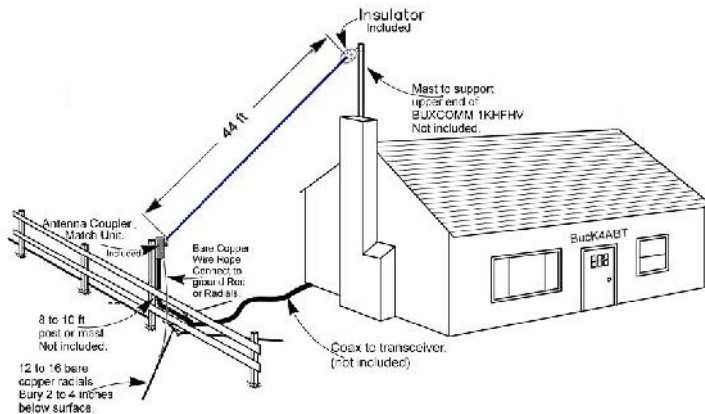
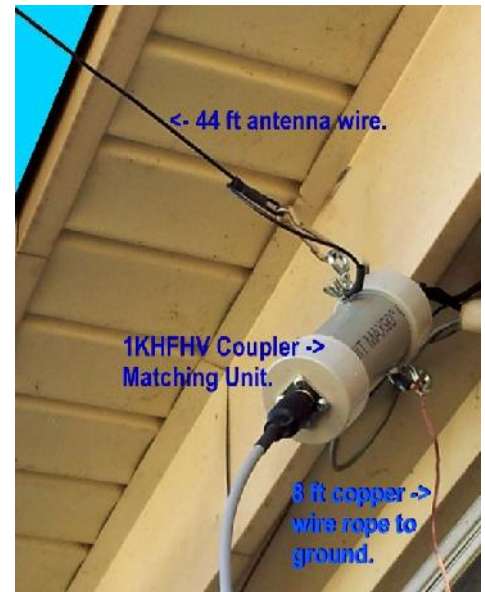


The amazing BUXCOMM 44 ft Horizontal or Vertical compact Antenna, 160 > 6 meters
Here are the various methods to install the BUXCOMM model 1KHFHV antenna

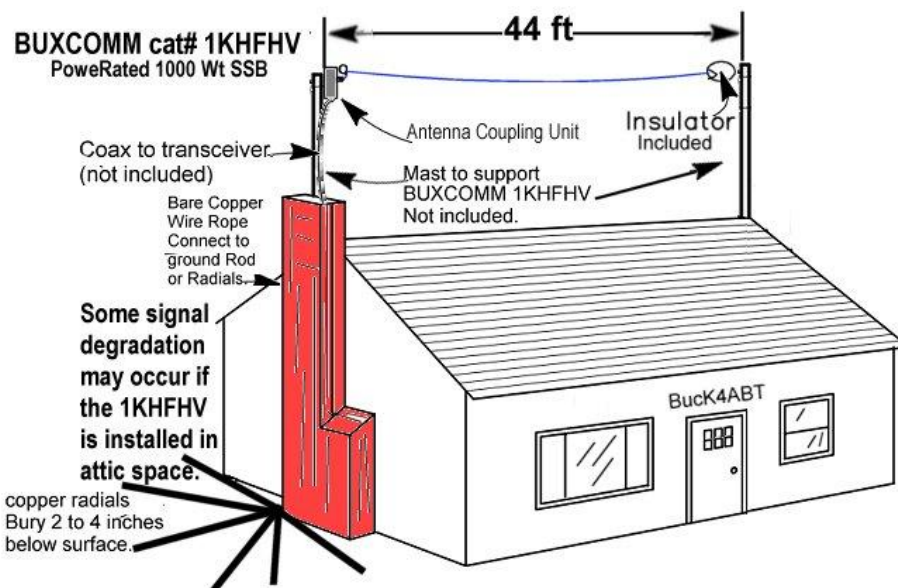


Cover all terminals with Coax Seal CS104



The BUXCOMM 1KHFHV is supplied with a section of rope attached to the end of the main element wire. This is the vertical radiating element and will need to be suspended from a mast, or limb, approximately 45 feet above ground. Suspend the vertical element away

from any supporting structure, limbs, vegetation, or metal. The proximity to these objects can detune or affect the resonance of the antenna.



Cover all terminals with Coax Seal CS104

Visit:

www.BUXCOMM.com

for HAM radio books, drawings, diagrams, and more go to: www.HAMqrp.com

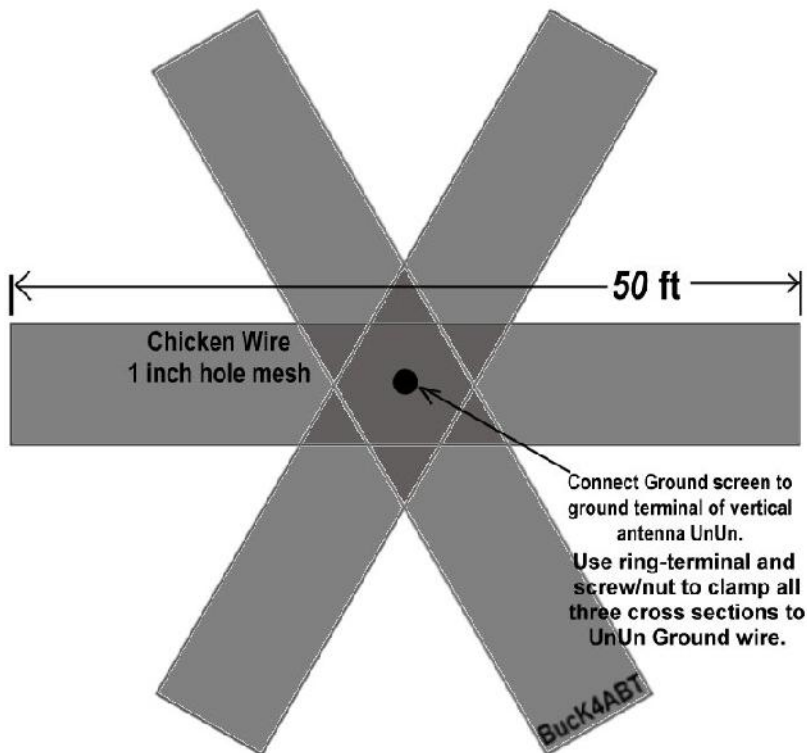
Easy to build, ground radial or ground screen for vertical antennas

by Buck Rogers K4ABT

A 24-in x 150-ft Silver Galvanized Steel Poultry Netting is priced below \$35 at Lowe's and Home Depot



First we cut the 150 ft roll of chicken wire into three equal 50 ft lengths. We can now lay the 24" X 50 ft lengths on the ground with the center cross point being the center of the 6 point or star configuration that is formed. This configuration now becomes a circle of 6 points, extending 25 feet out from the vertical HF antenna base.



Using the chicken wire mesh configuration shown here, we can use long, seven to fourteen inch gutter nails to provide a method to hold the mesh to the ground. Use a wire or clamp to attach the wire mesh to the long gutter nails.

We can use as many long nails as we wish. By adding more long nails hammered into the soil, the better the ground component presented by the ground screen, thus the better the performance of our vertical antenna.

Seven (7") inch Gutter Screws (25-Pack) less than \$20 dollars at Home depot. Check these building supply centers for long nails, 7 to 14 inches. The screw tip gutter nails provide a better ground by adding more metal surface contact to the soil.



CAUTION: be sure the long nails are well below the surface so no lawn mower accidents happen. Use more nails to capture the wire mesh, and hammer each nail well below the soil surface. Try to keep the chicken wire mesh against the ground. Another way to install the mesh is to break up the soil and cover the wire mesh with a layer of soil. This will greatly improve the quality of your antenna radial ground system.