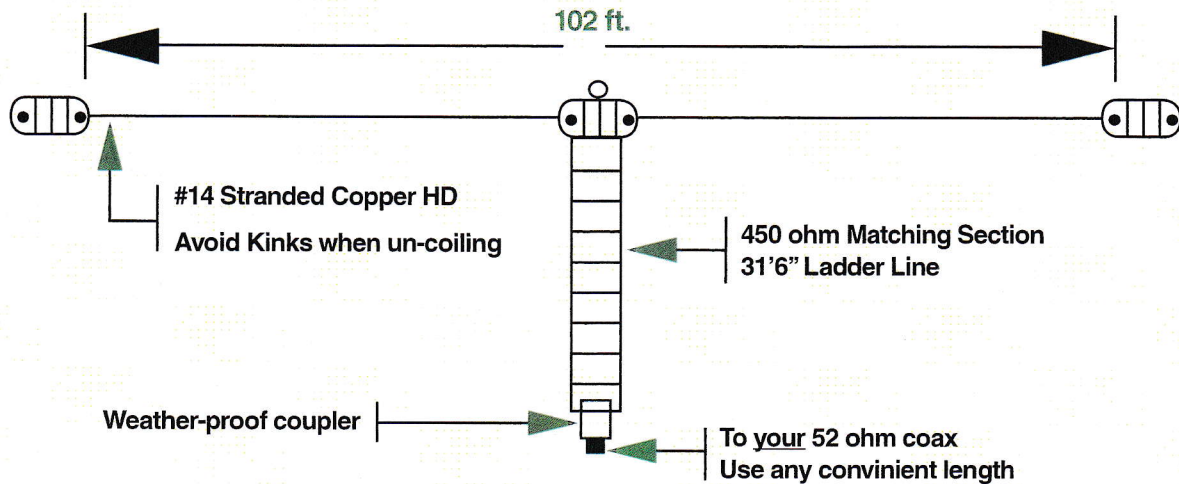




## The G5RV Multi-Band Antenna



This antenna should be supported with rope or other nonconductor.

The Ladder Line should come away from the flat-top at a right angle for at least 15 feet.

The antenna can be erected as an inverted vee ( $120^\circ$  minimum included angle).

Use a piece of heat-shrinkable tubing for weather-proofing your PL-259 coax plug.

A suitable antenna tuner will permit operation on all bands 80 through 10.

### The G5RV Functions as follows:

- 3.5/4.0 MHz A half-wave dipole folded up at the center
- 7.0/10 MHz A colinear array with two half-waves fed in-phase
- 14 MHz A center-fed long wire of 3 half-waves fed out-of-phase
- 18 MHz Two full-wave antennas fed in-phase
- 21/24 MHz A 5 half-wave long wire
- 28 MHz Two long-wire antennas, each 3 half-wave, fed in-phase

This antenna was designed by Louis Varney, G5RV, in 1946

Radio Oasis, LLC  
 PO BOX 725  
 South Salem, NY 10590  
 914.533.2758  
[www.radio-oasis.com](http://www.radio-oasis.com)