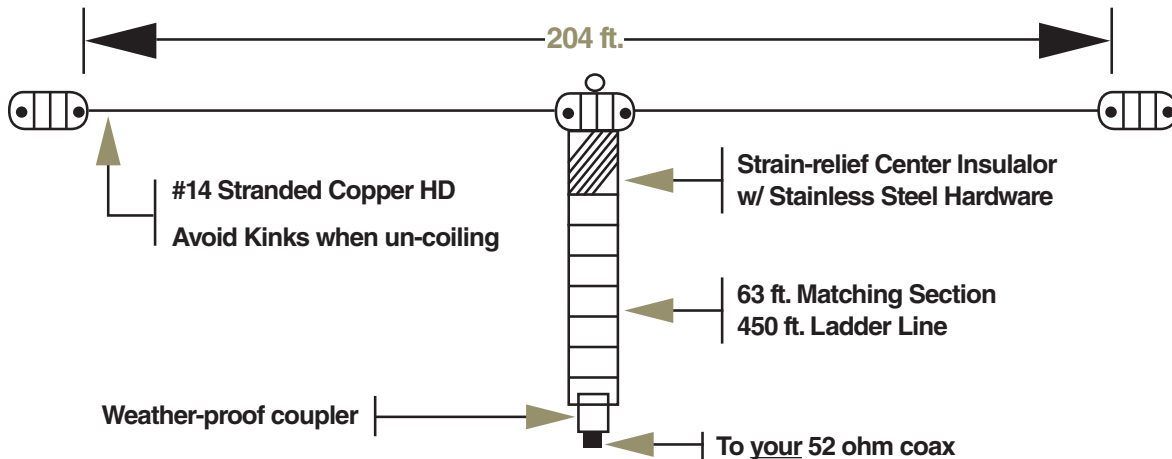




## The G5RV Senior Multi-Band Antenna



This antenna should be supported with rope or other non-conductor.

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° 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 160 through 10 meters.

### The G5RV Jr. Functions as follows:

|               |  |
|---------------|--|
| 1.8-2.0 MHz   | A half-wave dipole folded up at the center.              |
| 3.5-4.0 MHz   | A colinear array with 2 half-waves fed in-phase.         |
| 7.0-7.3 MHz   | A center-fed long wire, 3 half-waves fed out-of-phase.   |
| 14.0-14.4 MHz | Two full-wave antennas fed in-phase.                     |
| 18.0 MHz A    | 5 half-wave long wire.                                   |
| 21/24 MHz     | Two long-wire antennas, each 3 half-waves, fed in-phase. |
| 28./29.7 MHz  | A seven half-wave long wire antenna.                     |

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

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