

11M J-Pole
27.025MHz

<http://www.shadowstorm.com/cb/pdf/10mjpole.pdf>

..and here are the new measurements for 27.205 MHz

Length of single piece of 14 gauge stranded and insulated wire = 17 feet 3 inches.

(I cut the wire longer than 17 feet 3 inches so I could twist the extra wire back around through the PVC insulator just like you do with the end of a dipole through an egg insulator)

Length of 450 ladder line matching section = 8 feet 2 inches. Be sure to short the two sides of the 450 ladder line together at the bottom end only.

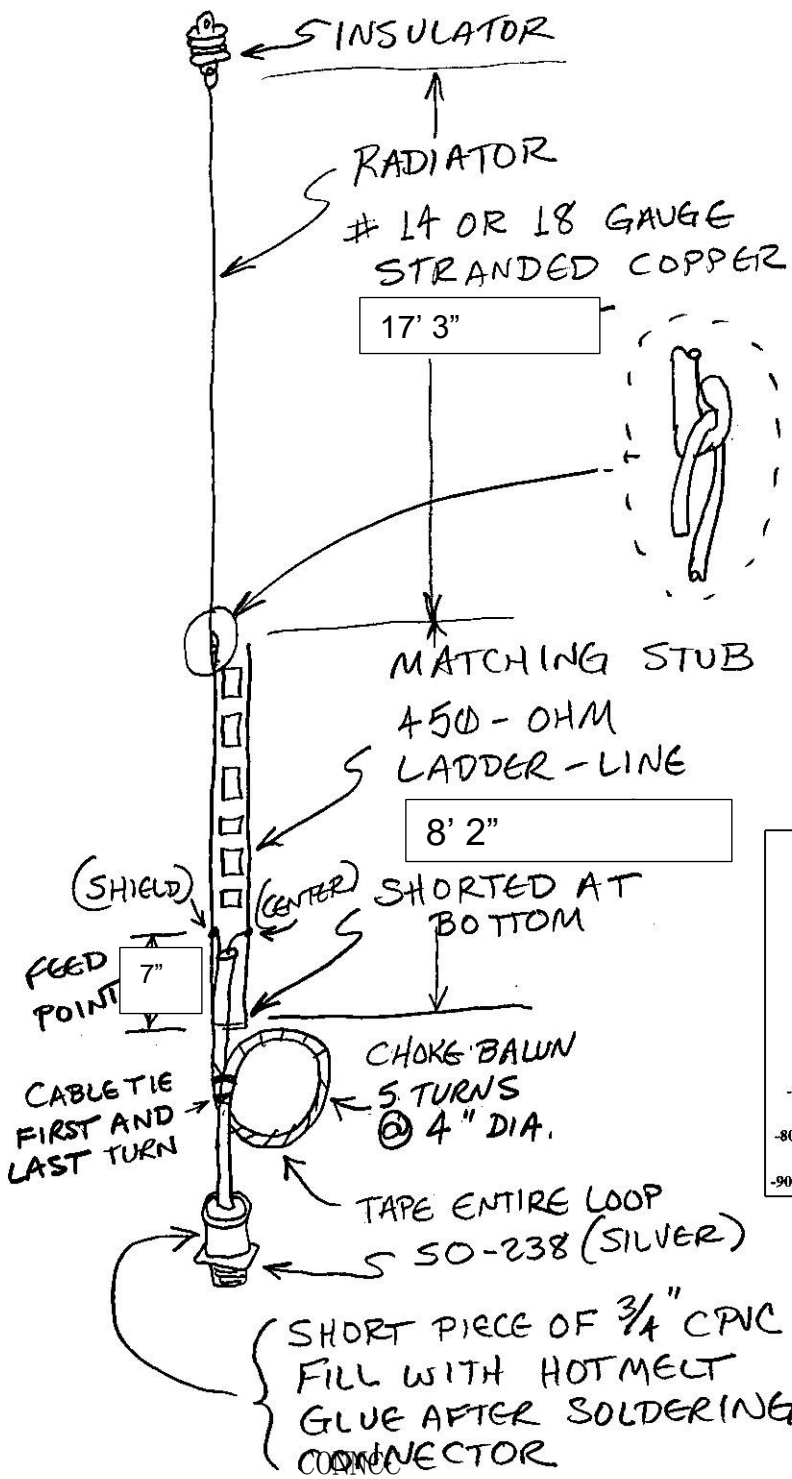
Make the coax connection to the 450 ohm ladder line 7 inches up from the bottom of the ladder line.

For the RG-58 RF choke I used 6 turns of RG-58 coax at a diameter of 4 inches.

I built this antenna to talk to the locals since all my other antennas are horizontal polarization for skip.

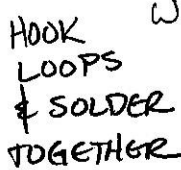
I made a short Youtube video showing my home made J-Pole for the CB band for those that want to see it.

<https://www.worldwidedx.com/threads/i-built-an-an-easy-cb-band-j-pole-antenna-with-wire-ladderline.147996/>



GAIN: 0DBD- SAME AS DIPOLE

ADVANTAGE IS OMNIDIRECTIONAL PATTERN AND LOW ANGLE RADIATION WHEN HAULED UP HIGH



MAKE FEED POINT TAP, CHOK BALUN, AND CONNECTOR FROM SINGLE, 73 IN PIECE OF RG-58

