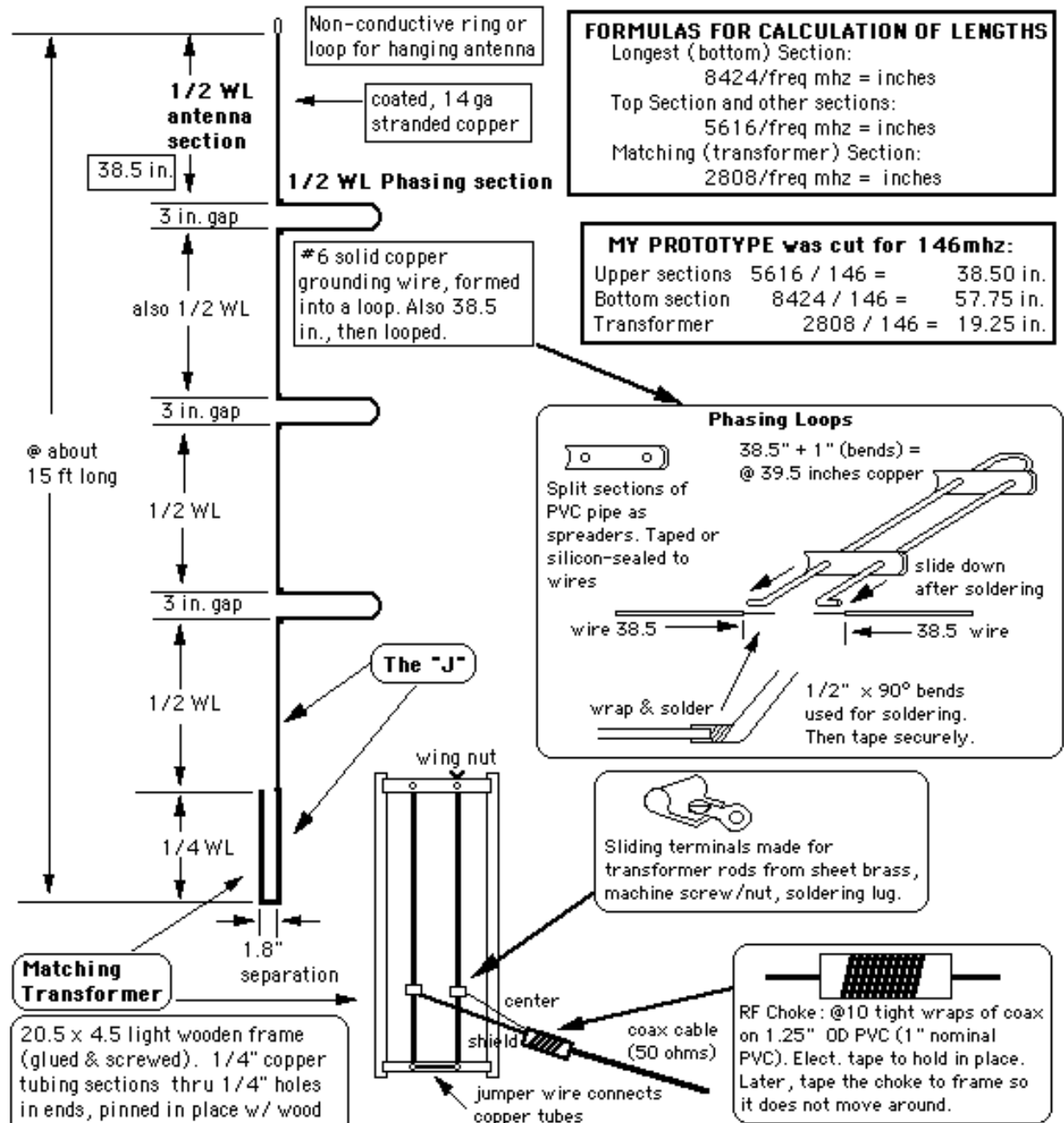


High gain, Omni-directional antenna. Collinear or stacked J-pole consisting of four half wave radiating elements, with each element taken 180 degrees out of phase using a half wave phasing section that separates each radiator. Designer claims that each half-wave section gives about 2 dB gain or @8 dB of gain.

Made from instructions for "The 2-Meter Collinear J-Pole Antenna Project", by "SEAN", M3FYB found at website at: <http://www.hamuniverse.com/2metercollinear.html>



Initial testing, Sep '07: Mounted on 16 ft fiberglass mast. Measured low SWR's (1.2- 1.3) and good receiving/transmitting on both 2 m. and 70 cm bands. Was able to access repeaters as far away as Charlotte NC, Bristol & Johnson City, TN from Bakersville, NC using 5 watt hand-held transceiver.