

RZ9CJ Vertical Delta Antenna Compendium

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I tested lots antennas on the Air. The simplest and most efficiencies ones are vertical delta antennas. Below there are figures of the antennas that were tested by me. Antennas for 40- 10 meter band were installed on the 8-meter mast. First 4 meters it was a metal tube then another four meters were bamboo poles. Each antenna was placed on a separately mast. Antennas were fed through 50 Ohm coaxial cable (each antenna through own cable). It does not matter where the central core of the coaxial cable is connected- to lower or higher side of the antenna.

The antennas are self-symmetrical antennas (it was proved by UR0GT) so it is not needed balun 1:1 or RF choke (ferrite rings on the coaxial cable) at the feeding terminals. Antennas made exactly on the sizes on the figures should be have resonance inside of the band, however in certain circumstances it may be need some adjusting of the antenna length.

73! de RZ9CJ





