

RW4HFN Compact Dipole Antenna for the 80- and 40- meter Band

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Compact Dipole Antenna for the 80- and 40- meter Band takes a little room and cover broad range at the bands. **Figure 1** shows design of the antenna. It is a dipole antenna that turn on to a delta shape. It allows significantly decreased the sizes of the antenna. Antenna is placed vertically to the ground. Antenna may be made from a wire in diameter of 2- 3- mm.

Figure 2 shows parameters and DD of the Compact Dipole Antenna for the 80- and 40- meter Band at 80- meter Band. **Figure 3** shows parameters and DD of the Compact Dipole Antenna for the 80- and 40- meter Band at 40- meter Band. The parameters are simulated in NEC for MMANA. High point of the antenna is at 11 meter above the ground.

File MMANA allows play with the antenna according to the height above the ground.

73! de RW4HFN

The MMANA model of the Compact Dipole Antenna for the 80- and 40- meter Band http://www.antentop.org/025/RW4HFN_CDA_80_40_025.htm

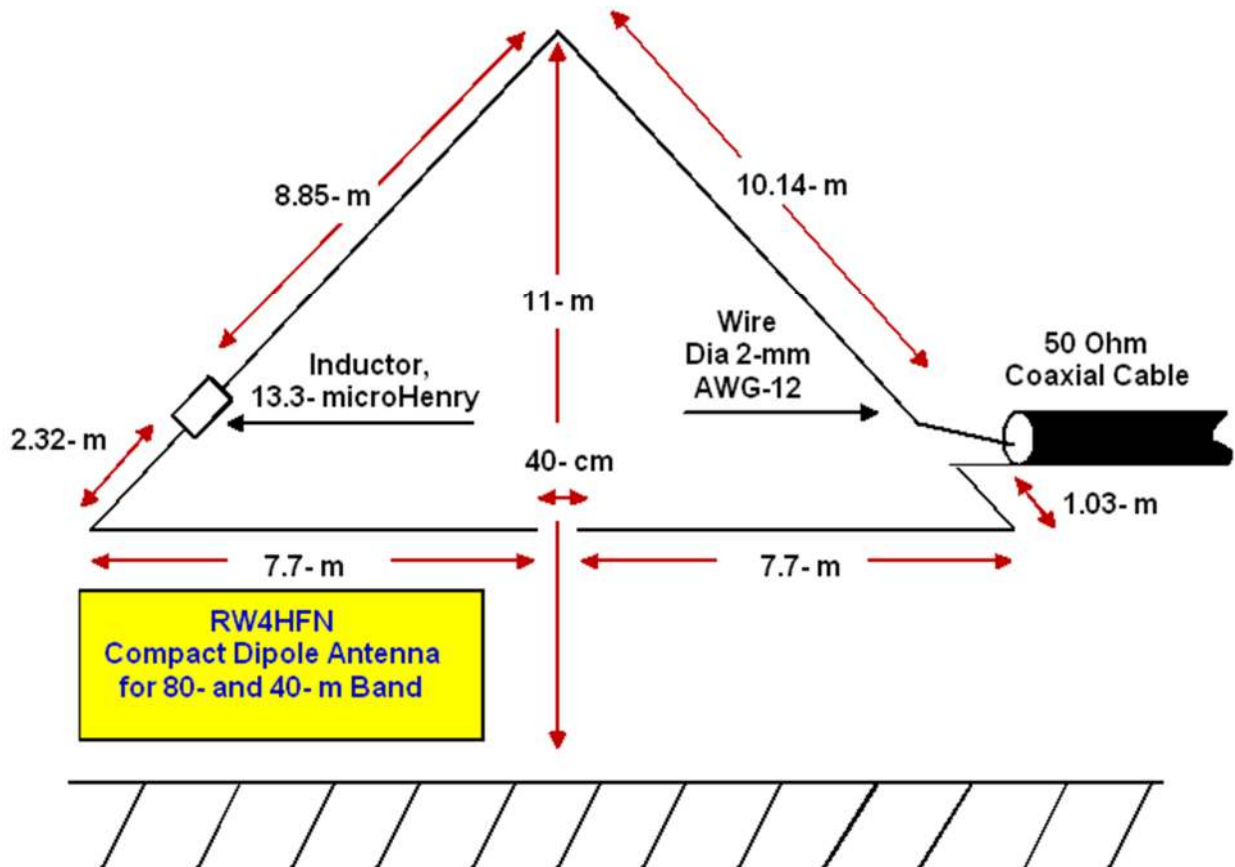


Figure 1 Compact Dipole Antenna for the 80- and 40- meter Band

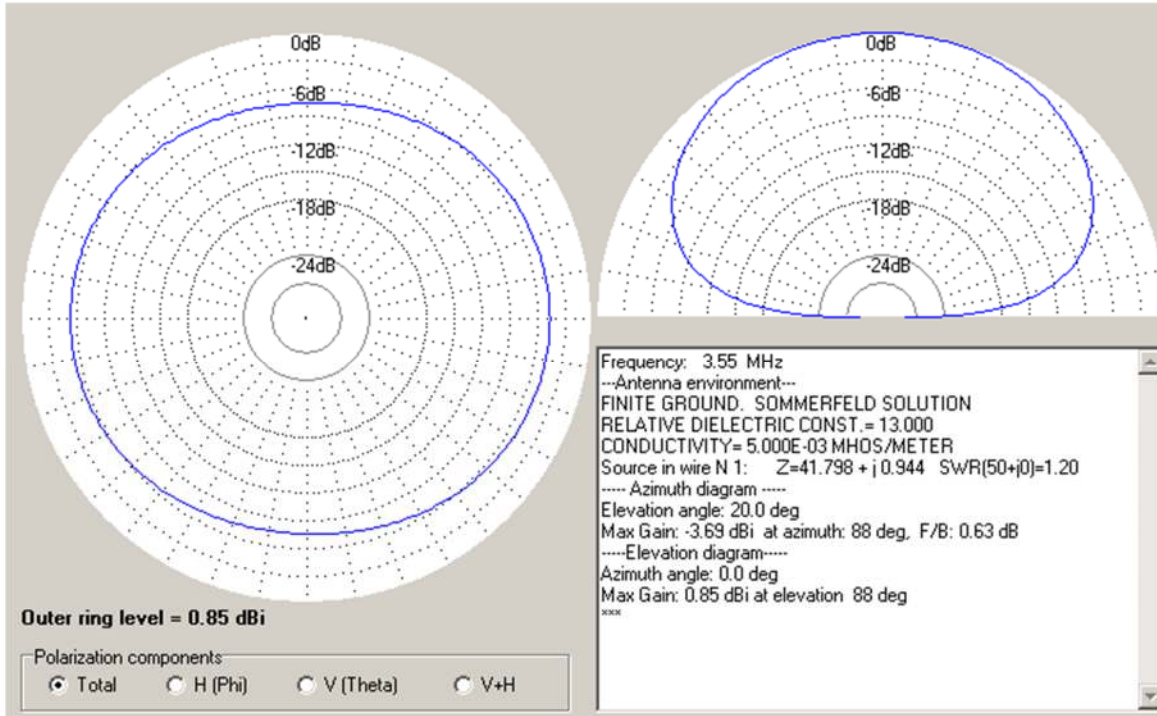


Figure 2 Parameters and DD of the Compact Dipole Antenna for the 80- and 40- meter Band at 80- meter Band

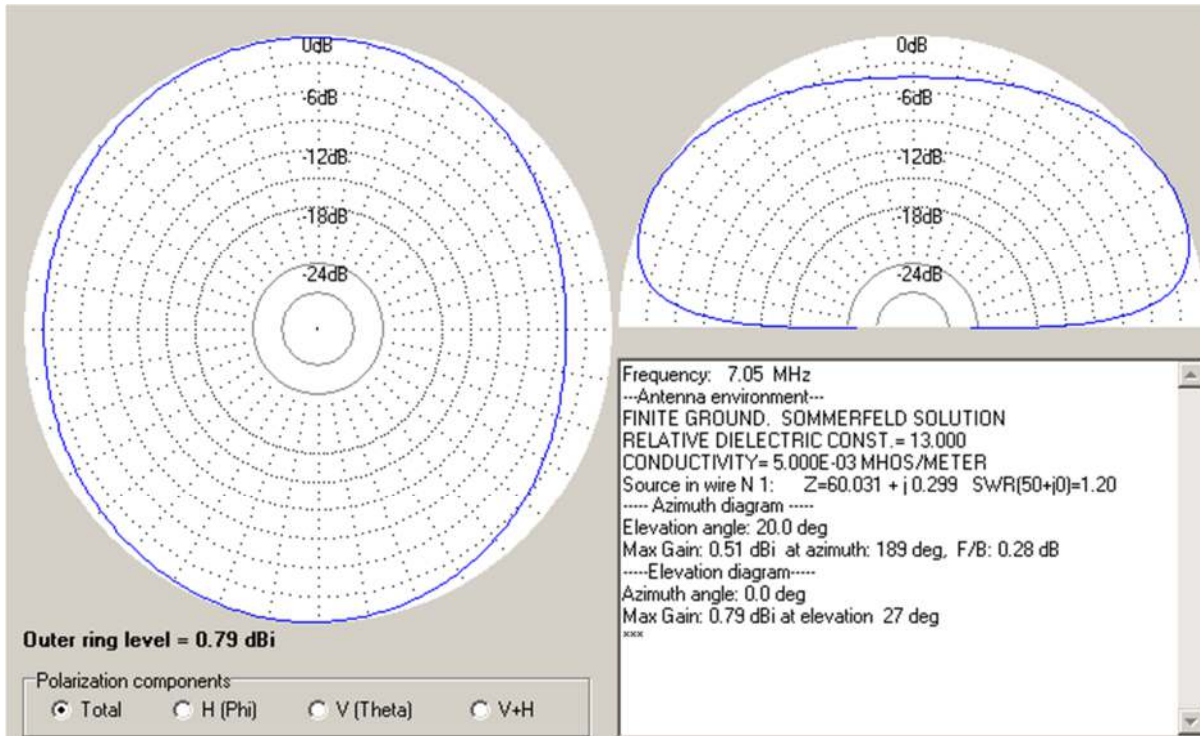


Figure 3 Parameters and DD of the Compact Dipole Antenna for the 80- and 40- meter Band at 40- meter Band