

Hi Dick,

here is some info on the cage dipole.

Each half of the dipole consists of a cylindrical cage of parallel wires, the wires being connected together at their ends. The purpose of the cage is to increase the effective diameter of the antenna. I have found it to be a very broad-banded antenna as I have mine tuned for the middle of the band and it seems to operate with an SWR of less than 2:1 SWR from band edge to band edge.

Mine is constructed of 17 gauge galvanized electric fence wire consisting of six wires spaced with rings made from cutting one inch slices from 8 inch plastic irrigation pipe. I use 10 spacers on each leg, which are approximately 61.5 feet long. Each end of the dipole is terminated with a porcelain corner insulator. For the center feed I use a cobra head insulator and the antenna is fed with balanced feed made from two equal lengths of RG-59.

As indicated on the training net I experimented by connecting the two dipoles as one and fed the the other side to ground, I do get a good match. I have attached some images.

Thanks again for such an informative seminar.

73,

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Photo 1

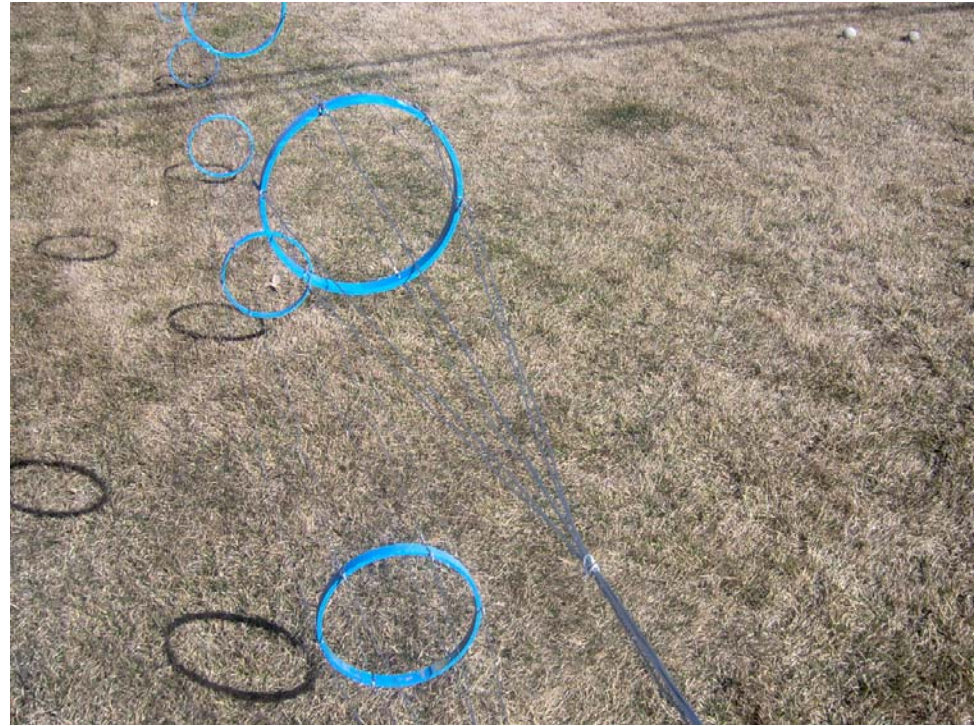


Photo 2



Photo 3

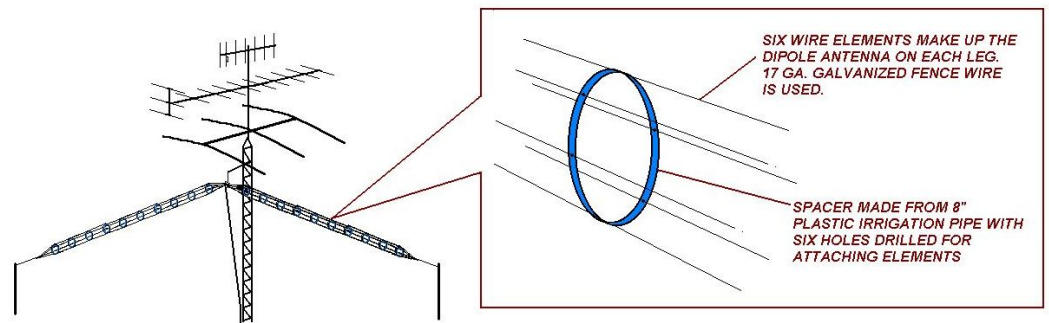


Figure 1