

Attic Antenna for 40-, 30-, 20-, 17-, 15-, 12 and 10 meter Band

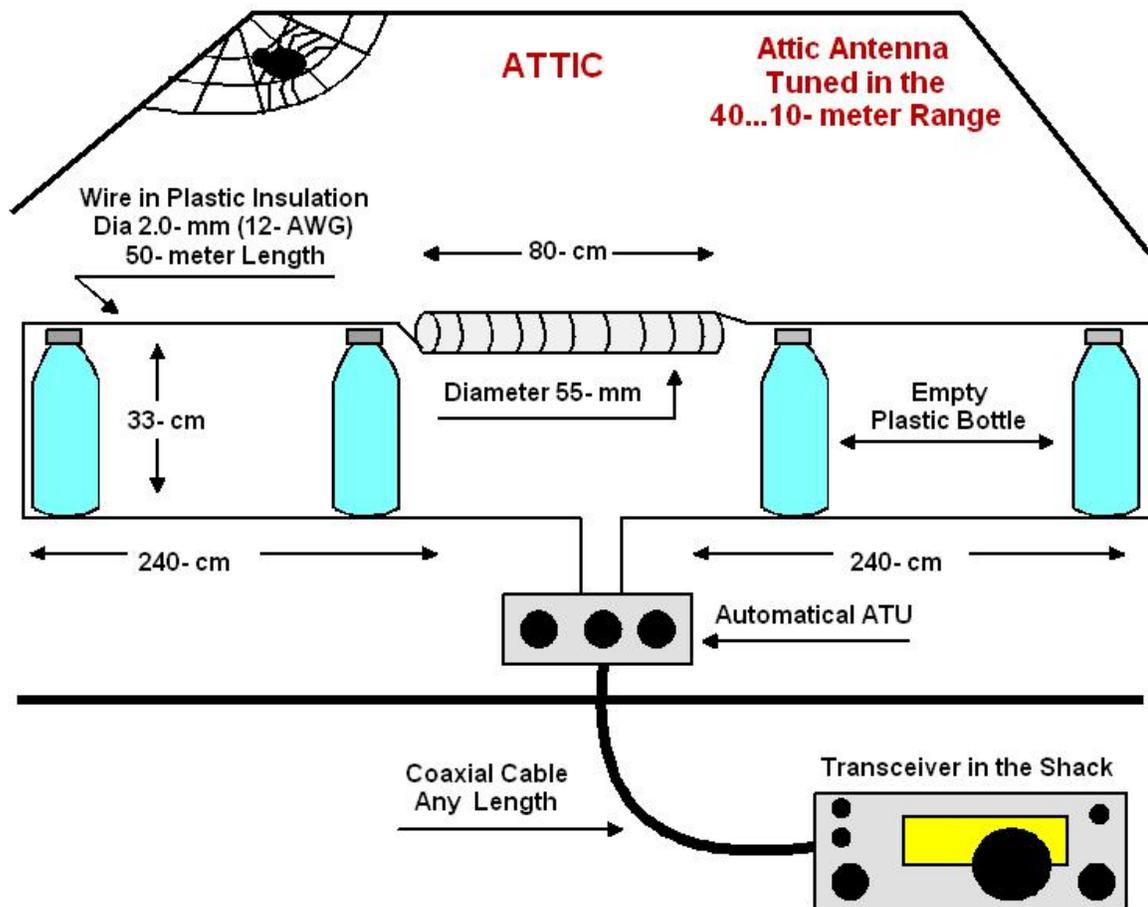
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The antenna was installed on the attic. Antenna was matched with help an Automatic ATU in 40-, 30-, 20-, 17-, 15-, 12 and 10 meter amateur Bands. The Antenna worked satisfactory on the above mentioned bands.

So, for the stub dipole there is used (240cm x 2 x 2= 960- cm) 960 cm of wire. Two lengths of the wire in 40- cm each are connected to the Automatic ATU. Coaxial cable is going from the Automatic ATU to shack with transceiver. Rest wire (near 39.6- m) is coiled around a form in diameter 55- mm. Length of the winding is 80- cm.

For making the antenna you need length in 50- meters insulated wire in diameter 2.0 mm (12- AWG). The antenna is a stub dipole with dimension 33- cm between wires and length of each side 240 cm. The dimension between wires is set up by empty plastic bottles (5- liter water container) that are used here as a spread insulator between the wires.

In spite of the simplicity of the design the antenna allows satisfactory work in the range of amateur bands.



Credit Line:

<http://www.cqham.ru/forum/showthread.php?28949- - -14- /page17>