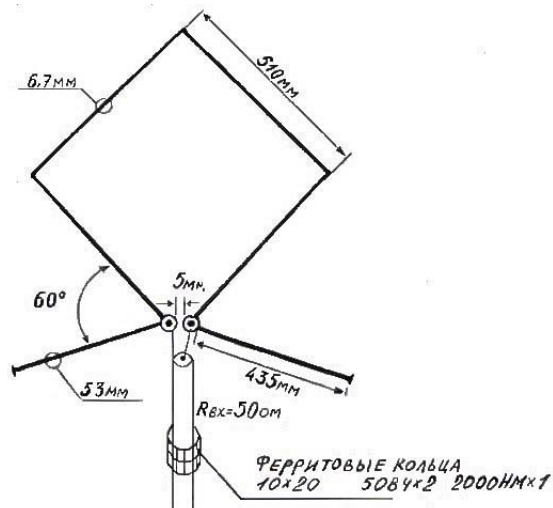


# Two Bands 144/430- MHz Antenna

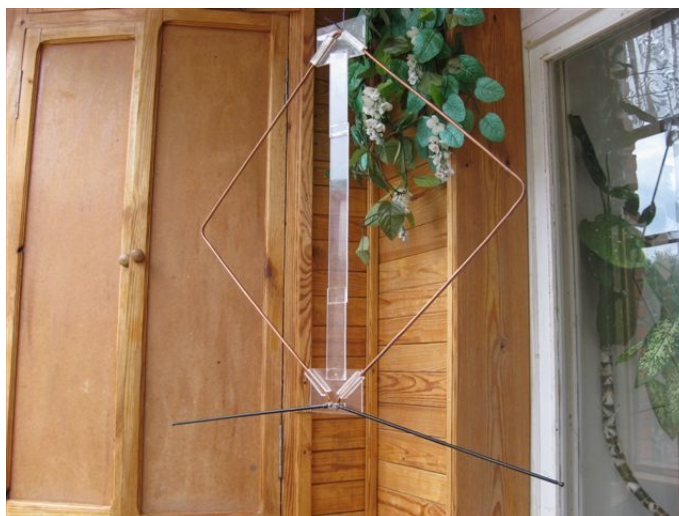
Vladimir Semenov, RU4SJ

It is very simple two bands antenna that do not require tuning when it made according to the **Figure 1**. Upper rectangle part of the antenna made of a copper tube by diameter 6.7- mm. Lower whiskers of the antenna made of iron rod in diameter 5.3- mm. The antenna is fed by 50- Ohm coaxial cable.

Near the feeding terminals an RF- choke is installed. This one made traditionally for hams. Several ferrite rings are placed on the coaxial cable. There were used two ferrite rings with permeance 50 and one ring with permeance 2000.



**Figure 1** Two Bands 144/430- MHz Antenna



**View of the Antenna**