

Simple Balcony Antenna for 10- 40 meter Bands

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I made one more experimental balcony antenna. The antenna was made on the fishing pole in 5 meter length. Two wires in 2.5 meter length on the top of the fishing pole created a top load. Two counterpoises in 3 meter length was used with the antenna and just placed on the balcony. At the feeding terminals of the antenna was installed common mode RF choke – it was made on the ferrite ring in 40- mm diameter by twisted pair and contains 10 turns of Teflon wire in 0.35- mm (27 AWG). Then antenna was connected to Z- Match antenna tuner with 50- Ohm coaxial cable in 6- meter length. Antenna was tested on the amateur bands from 10 to 40 meter. All amateur stations that I received answered to me on the antenna.



73! de R3KAS

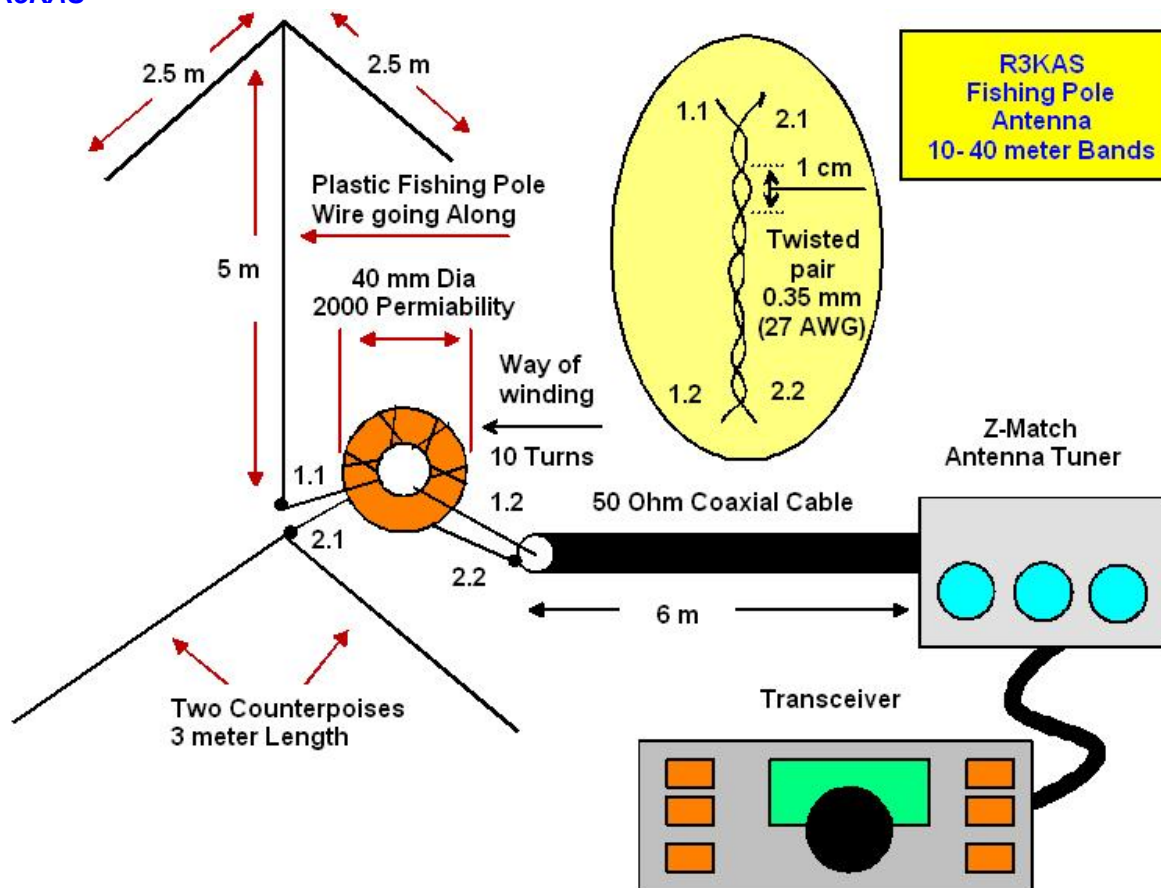


Figure 1 Simple Balcony Antenna for 10- 40 meter Bands

Z- Match antenna tuner: http://www.antentop.org/021html/021_p65.htm