

160-40 m Beverage RX Longwire Antenna

How to use it:

Read carefully the information given on this paper. Stretch the antenna wire to its full length and lay it onto the ground. Select a few short insulated holders above the ground and fix the wire at. Fixing points of 20m distance and a low height of 0,5 – 3 m is being recommended. **Make sure that no people and animals will be handicaped of the low wire above the ground otherwise they will fall down. Also the screws of the balun may not touch/contact metal masts or steel constructions as it means a shortage of your electrical system.**

A thin nylon rope shall be fixed to one side of the balun to hold it in the air. Connect the resistor to ground. Plug in your coax cable 50 Ohms into the balun and connect the coax to the receiver.

In order to connect the 2 x 100m wires you'll find a small plastic clamp fixed with tape at the wire roll. Put both ends of the wire into the clamp and screw it tight together. Now the length will be 200m. Nevertheless by adding more wire the efficiency will improve. The signal will be preferred coming from the direction of the resistor. The signal strength will be much lower compared with a normal antenna like dipole but at the same time the noise will be much less and finally your signal will be weaker but clearer.

Do not use the receiving antenna for transmission. You will damage the balun and the transmitter.

The balun is a 1:10 transformer which transforms the low impedance of 50 Ohms on the coax side towards the high voltage end of the longwire.

Also the balun 1:10 and the resistor is available separately for those who have got their own wires in the junk box.