

Thank you for purchasing one of our antenna products. You will be surprised what a good performer this antenna is, and even better in large stacked arrays. The Vargarda Antennas are made to have you stay at the top of contests results and the DX hunting lists. Further information of how to get even more out of your antenna is available by our representative from whom you made this purchase.

The 6m antennas are of a construction made on the principle of double boom. This facilitates extra heavy duty mechanical design withstanding even very hard winds and harsh environments.

When you unpack the antenna please check that everything seems alright and no parts are damaged.

The elements are not needed to be taken off the boom. Put them in the correct position and tight each element by the corresponding screw. The radiation element made of a folded dipole will hold the feeder inside the specially designed connection box. You may come to reflect upon two obvious details which we would like to explain more thoroughly.

1. The connection box inside has a printed circuit board on which the mechanicals for holding the coaxial feeder are fitted. Looking at this holding bracket one may wrongly expect that a coaxial feeder like the RG-213 or larger may not suit due to the holding clamp looking too narrow. This bracket along with the rest of the holding mechanics will fit for coaxial feeders having a diameter of up to 16 mm's. The screw intended to hold the inner conductor of the feeder may be removed, however. At the case of having a coaxial feeder with a center conductor being solid i.e. having only one copper part, this conductor may very well be put in the hole for this screw and then be soldered. Of course it may be used as this also for center conductors as of the RG-213 sort of cable but then this soldering may tend to make cable replacement years later being a hard piece of work. Our recommendation is to solder a solid center conductor only. Be careful and very attentive to the solder result. Leave no residues around on the printed circuit board nor lose parts inside the box when lid is back on.

2. The long cable hanging out of the box from its two holes on each side of the feeder inlet is the balun. This is an extremely important part of the antenna. No balun - no antenna. This balun does the work of matching your feeder to the high impedance of the folded dipole. The reasons of having a folded dipole instead of a standard dipole we will not explain here. Folded dipole makes a better antenna. Trust us on this. The balun however, is not a happy thing when looking at the assembled antenna. How on earth should this thing be placed? Hanging downwards? Swinging around? Well, yes it would be alright as long as it does not get damaged. The best way to treat this balun is to twist it together and tight it right onto the boom. Somewhere. Just not onto any elements, please. Keep it at the boom or tower pole. Anywhere having no voltage potentials. Do not tight the balun cable in sharp edges. Make it loop. Sharp edges do not represent the standard cable impedance and you will probably lower the antenna power capabilities. The balun is one of the two main parts of this antenna to limit the transmitting power. The other part is the box itself and corresponding inside parts. At a point where you expect to run more than legal limit for any reasons, you may order another type of balun by contacting your our representative. Up to 2kW continuous transmitting power is made as of standard at our manufactory when specially ordered for. The balun you have got in this package is the usual one normally shipped with the standard amateur band models handling up to some 1kW PEP.

Keep CQ'ing at low activity on the magical band !

GD DX

Vargarda Radio AB

www.vargardaradio.se