

Balun case construction.

For details to the balun-transformer see the other pdf-files

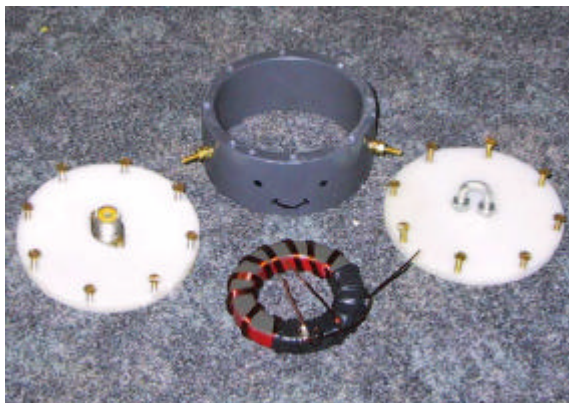
By dl5dbm, Anwar von Sroka

The material you might need:



- 1.A slice cut from a pvc-tube, please select a tube with a 5mm wall. (gray in the picture)
- 2.Two 8mm thick covers cut out of pvc-board (white in the picture)
- 3.One amidon core, in this case red for use to frequencies from 3 to 30 MHz. The size of the core depends on the power to handle.
- 4.A PL-Socket
- 5.Small screws to mount the top and bottom cover and fix the PL-socket, I selected brass because of corrosion.
- 6.Two long screws, they will be used as the terminals to which the antenna wire is connected to. (also brass with nuts)
- 7.Enameld wire, wire diameter depending on power handling, in this case 1.2mm to handle 1KW-Output.
- 8.Sealing rubber to tighten the case against moisture.

Next picture shows all parts prepared.



Both covers are drilled, on the top cover I mounted a U-bolt to hangup the balun.

The case body with the wire-terminals and smily, Hi.....

The prepared balun-transformer 1:2.5 to use with a Delta-Loop .

See the PDF-files for setup information

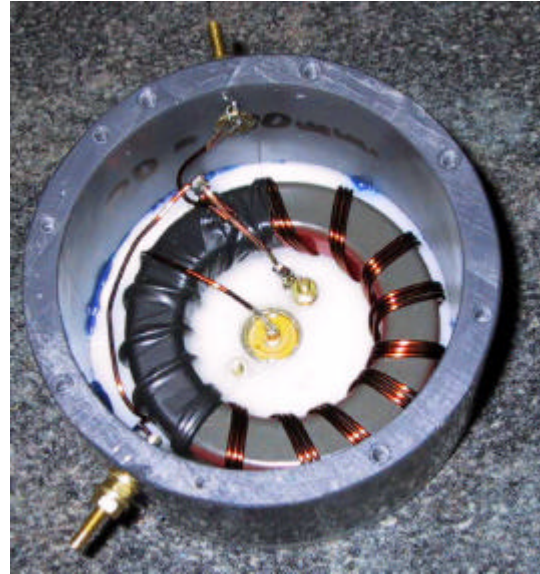
Here you see the balun fitted and attached to its terminals.

The blue stuff that has been squeezed out is a sealing material that is used to seal car gearboxes.

I am sure that the box is going to be airtight when finished

After soldering the balun-wires to the terminals seal the tinned connections with nailpolish,

Give your XYL your kredit-kard and when she`s shopping you can use her nailpolish without beeing disturbed.....but I think it is a lot cheaper when you buy a little bottle yourself.



Here it is, ready to start doing his job



So I think this is enough of details for you to build one yourself.

The dimensions of the box can vary depending on the size of balun you want to construct. For the start I would recommend an ear-ring, later on you can try your skill on wagon-wheels, Hi....

If you like this homebrew sight please don't forget to rate this sight at the dxzone, and a comment to the guestbook would be fine. If you have any suggestions to the sight please mention them.

PS.: Sorry for my poor English, I'm out of practice!!

73 from DL 5 DBM. Anwar....