

RL1L Two Balun Transformers for 50/300 and 50/150 Ohm

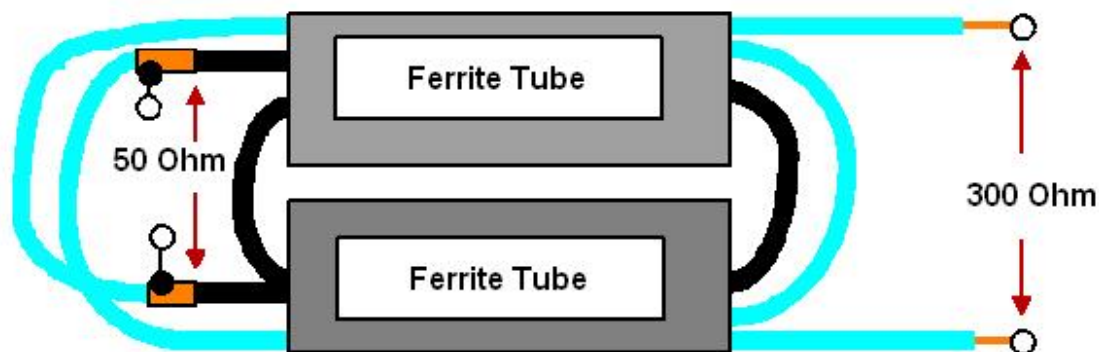
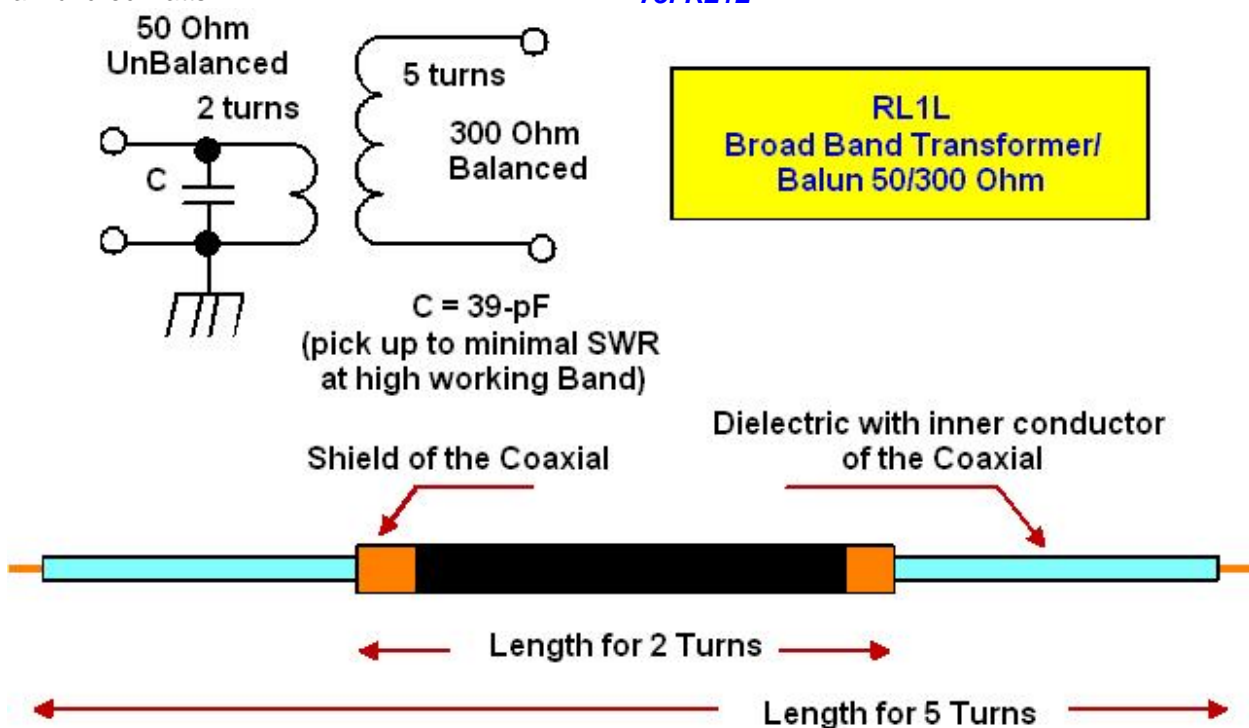
By: Anatoli, RL1L
ex. (RA0C, EY9AF, RA6XPL, RA6PS, RA6PGY)

Below you can find design of two Balun transformers for 50/300 and 50/150 Ohm. The Balun transformers have low SWR, less the 1.0: 1.2 at all 160 to 10 meter Bands.

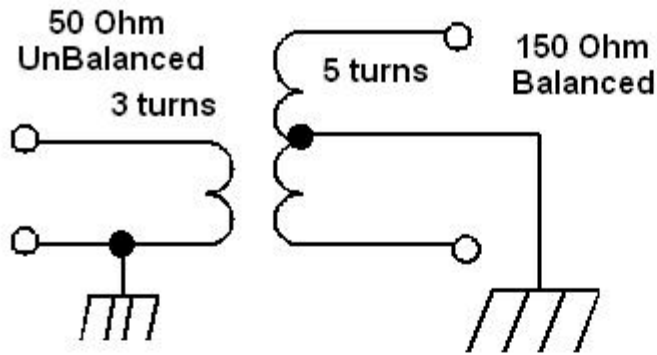
The transformer is not tested at high power – 500 W and more- however the design will give clue how to make high power transformer with the transformation ratio for your needs.

The transformer made with ferrite tubes that are used at RF choke. Such design should work with RF power at several hundred watts.

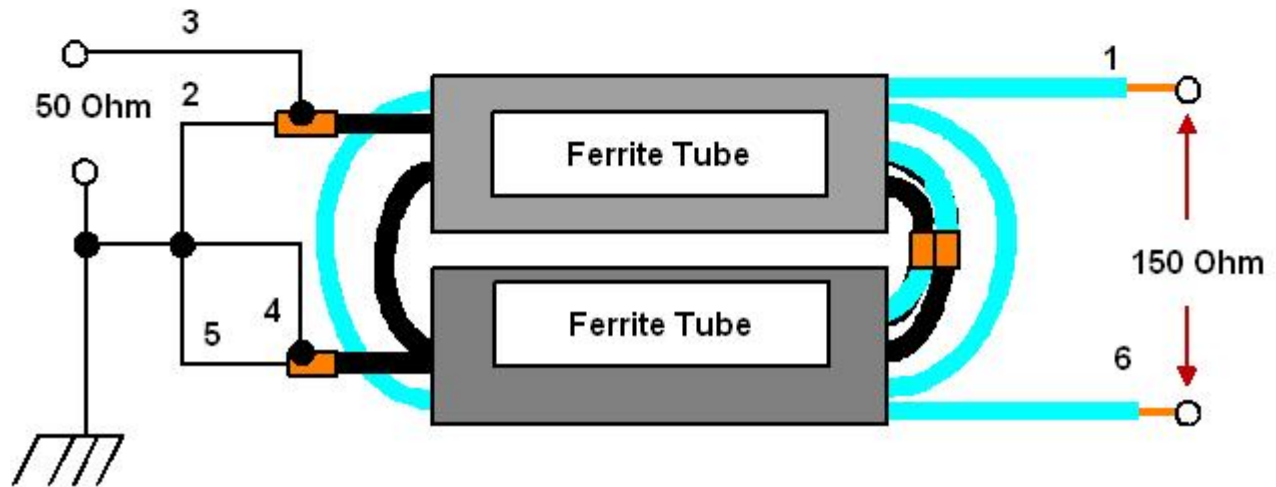
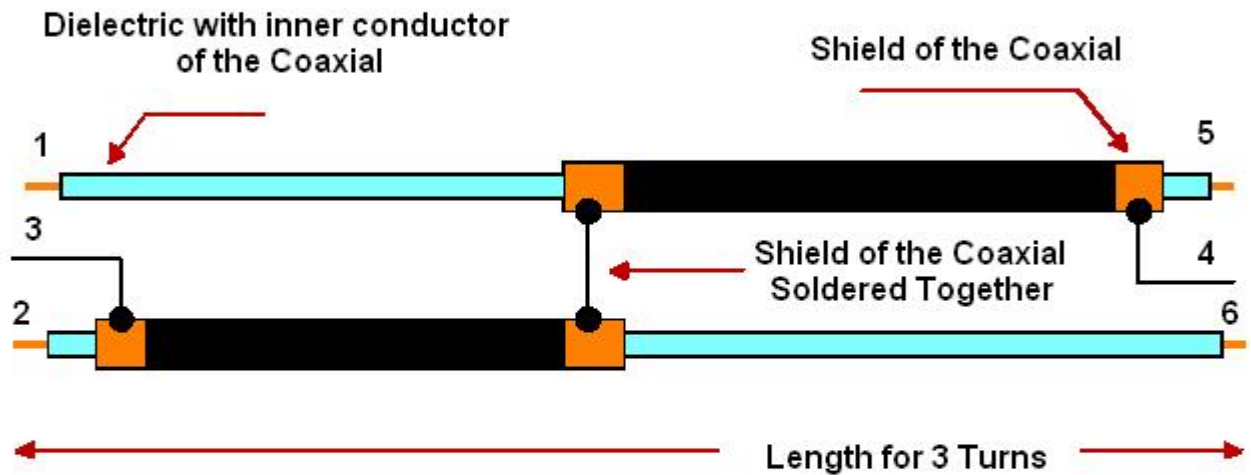
73! RL1L



Design of the Balun transformer for 50/300 Ohm



RL1L
Broad Band Transformer/
Balun 50/150 Ohm



Design of the Balun transformer for 50/150 Ohm



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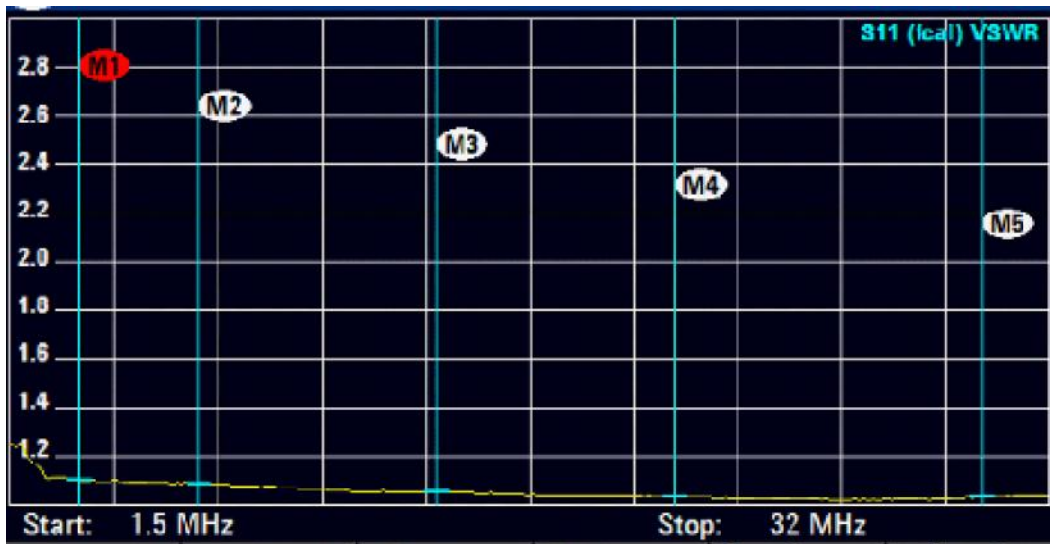
View of the Balun transformer for 50/300 Ohm



View of the Balun transformer for 50/150 Ohm



Test of the Balun transformer for 50/150 Ohm



SWR of the Balun transformer for 50/150 Ohm