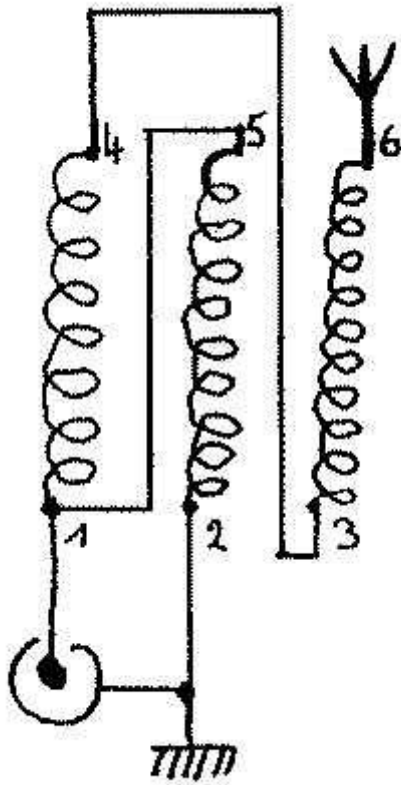


# Antenna matching transformer 9:1.

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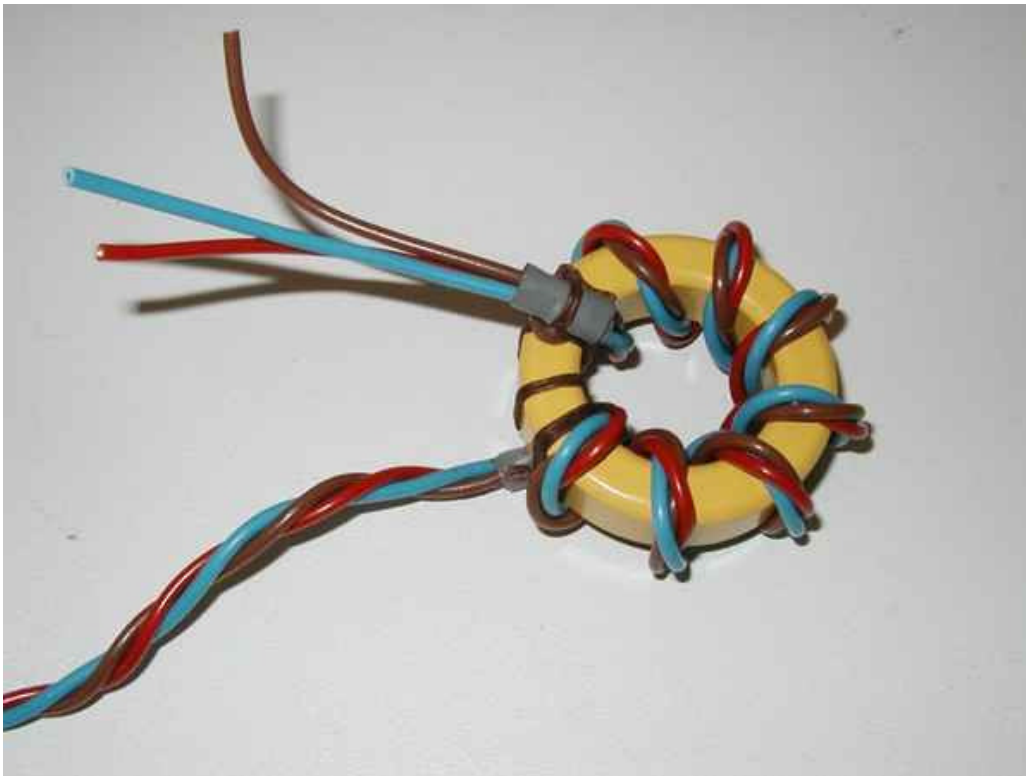
To use the best antenna "long wire", the transformer 9: 1 will fit the impedance of 52 ohm coaxial cable. A box of coupling will enable its use in multi-band.

Very simple to make, just assemble the following components:

- ▶ A torus T200-2 (red) or T200-6 (yellow).
- ▶ Three pieces of wire about 1 mm in diameter.
- ▶ A base SO239.
- ▶ A junction box in plastic.
- ▶ Some small bolts.



The son is regularly twisted a length of about 60 centimeters. Different colors make it easy to mount.



Eight coils are wound in this twist on the perimeter of the torus (8 turns = 8 passages inside the ring).



It only remains to solder the ends of the son following the sketch.

- 1 and 5 (red and brown) on the central terminal of the base 239 SW.
- 2 (brown) on the mass of the base.
- 3 and 4 (blue and red) are brazed together.
- 6 (blue) is connected to the air.

Thus constituted, the "balun" easily supports 100 watts HF.