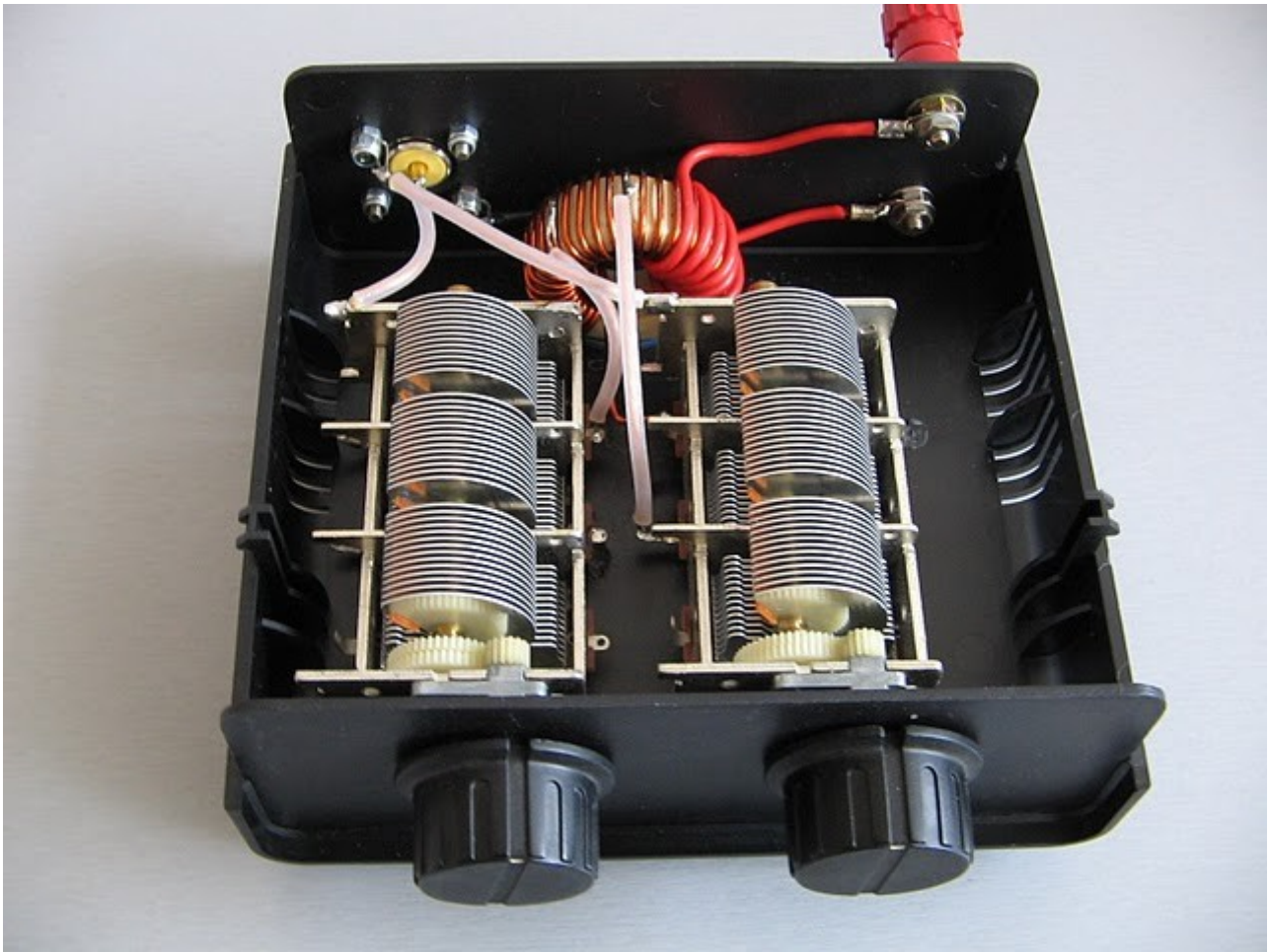
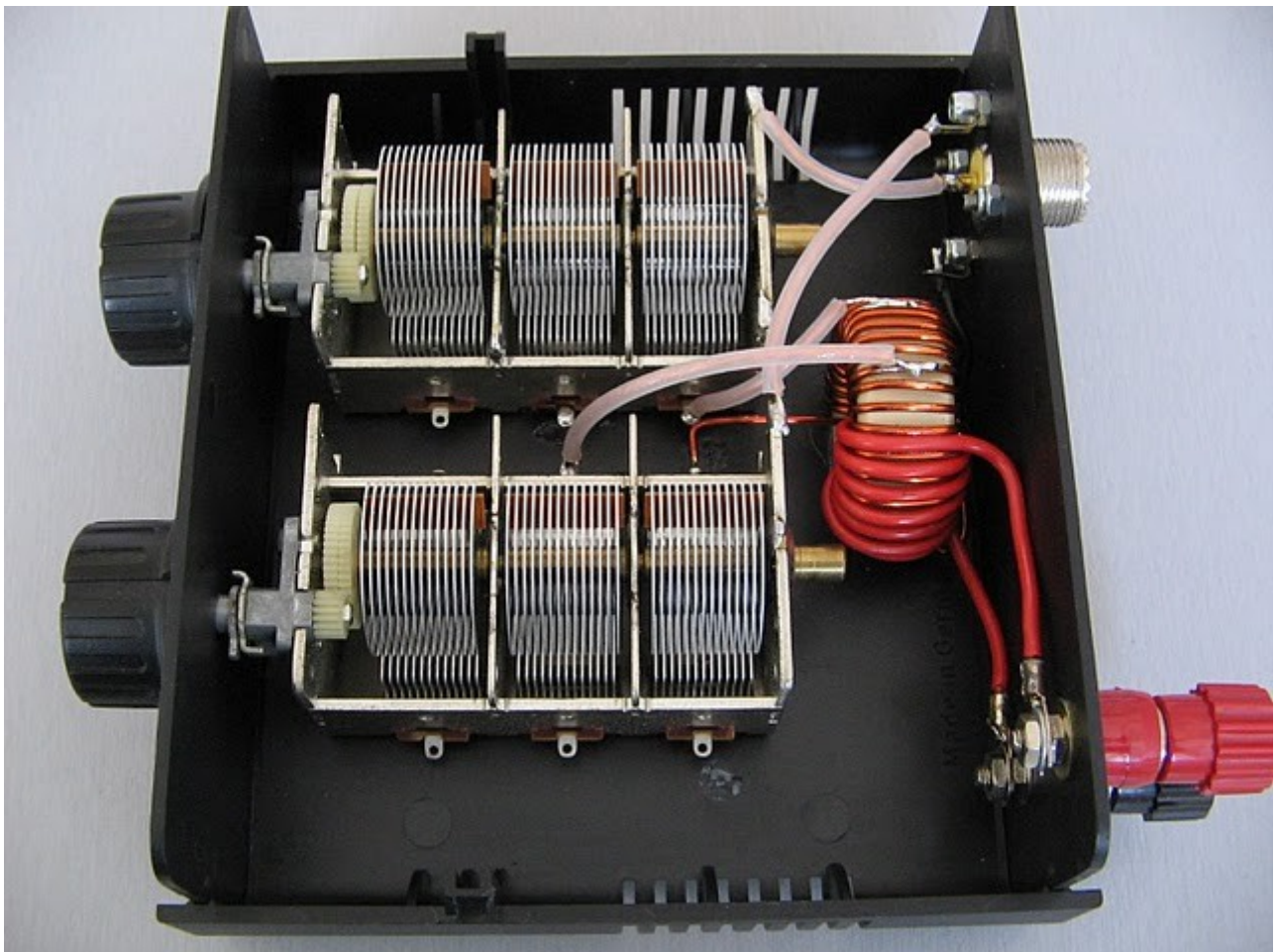
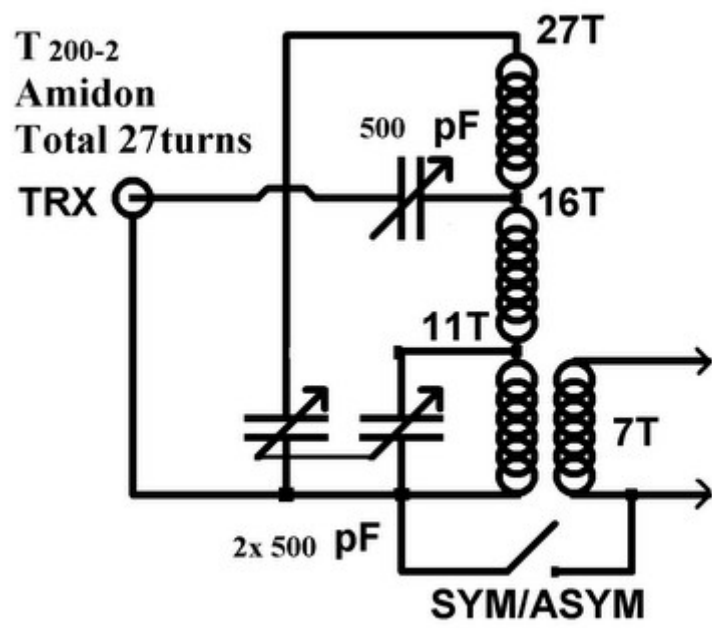
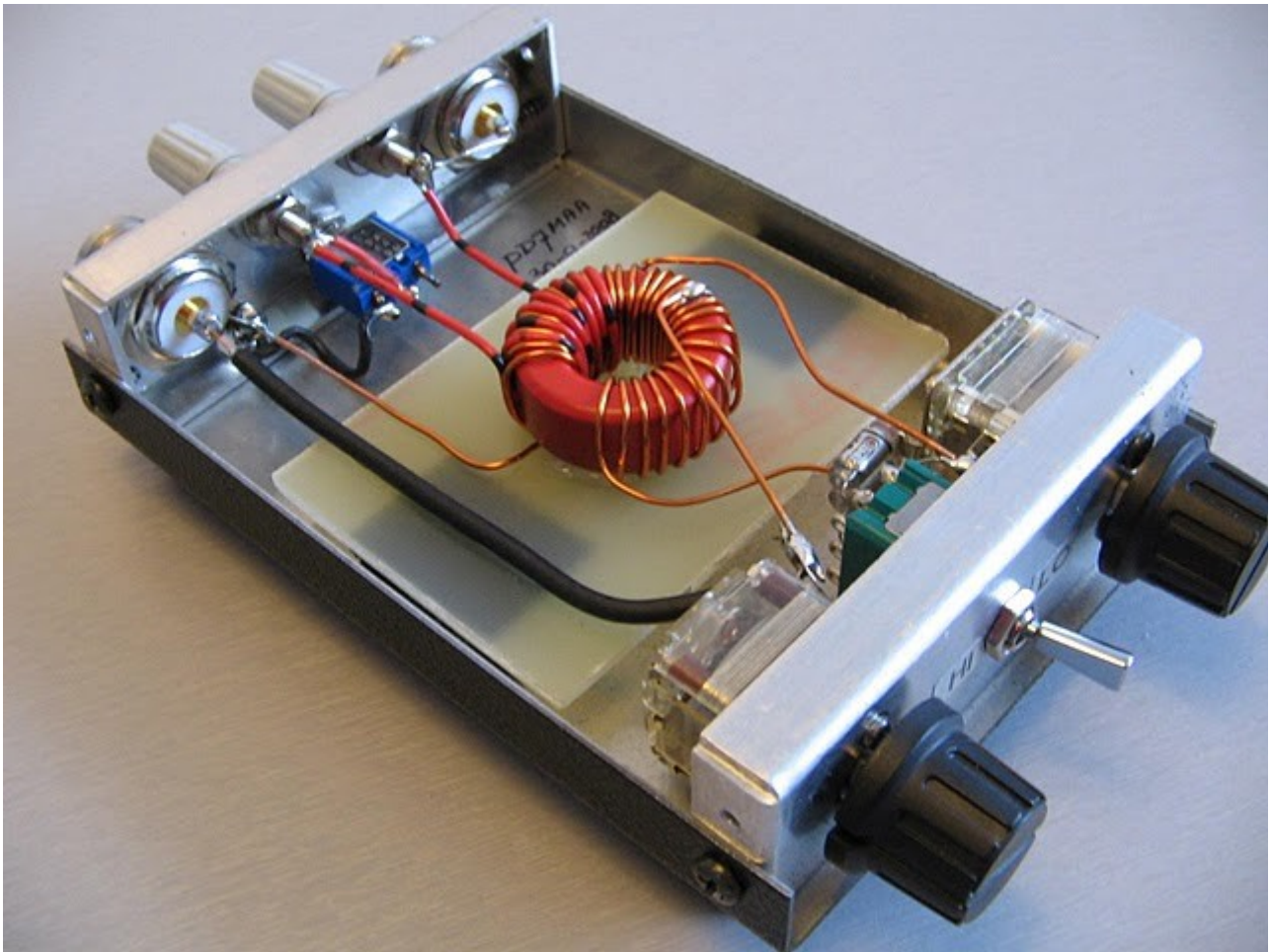


Z-Match 100 and mini Z-Match

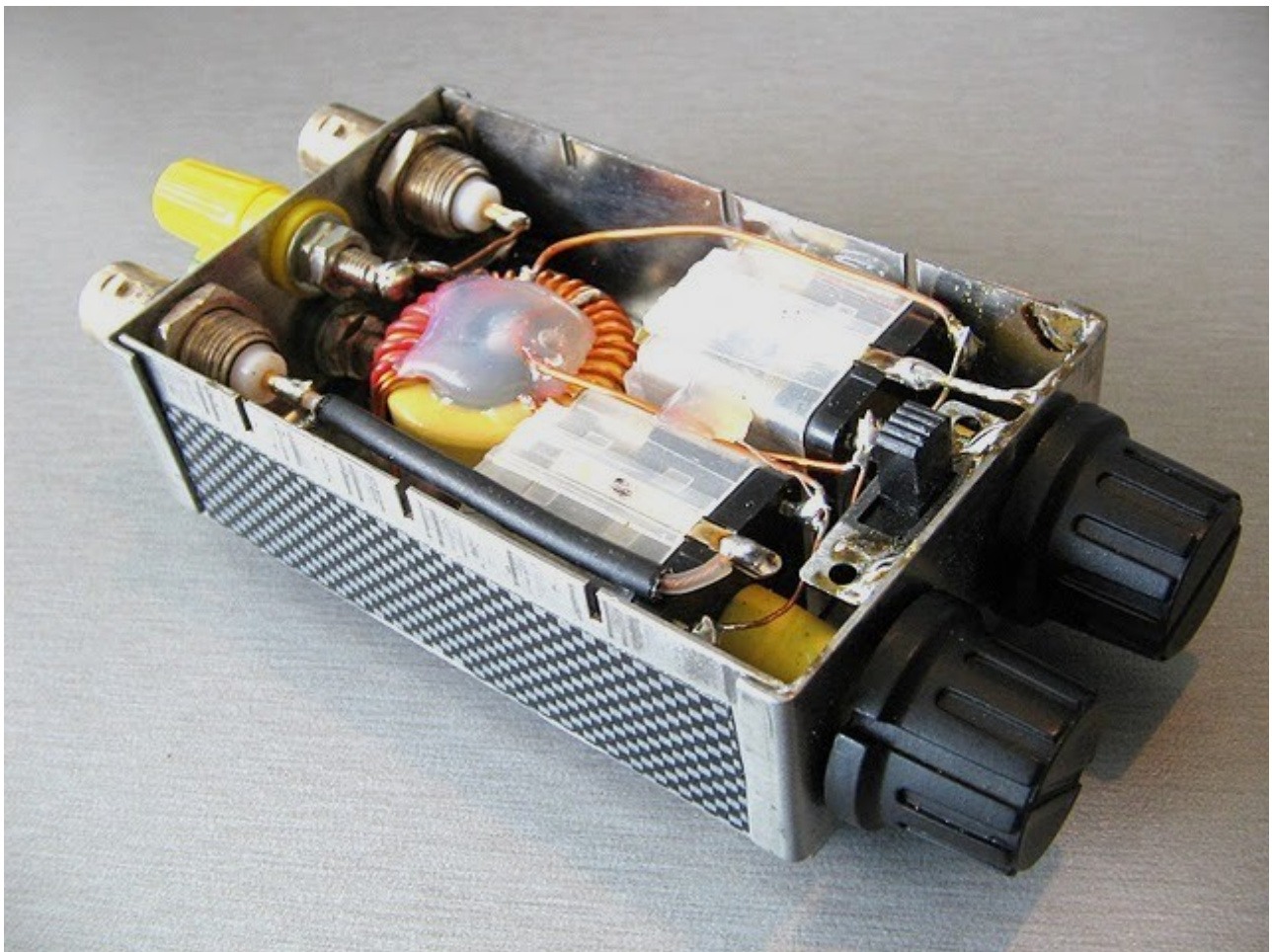


This is a one for all antenna tuner with wide range tuning on all the HF bands. The tuner is based on a G3WQW design. A T200-6 should give a better Q but the T200-2 gives me a wider tuning range. The capacitors are radio types and can be used up to 150 Watts. I used a plastic cabinet but a metal type would provide better HF isolation. Using a metal cabinet needs a "floating" mount of the input capacitor. More info about the Z-match design can be found

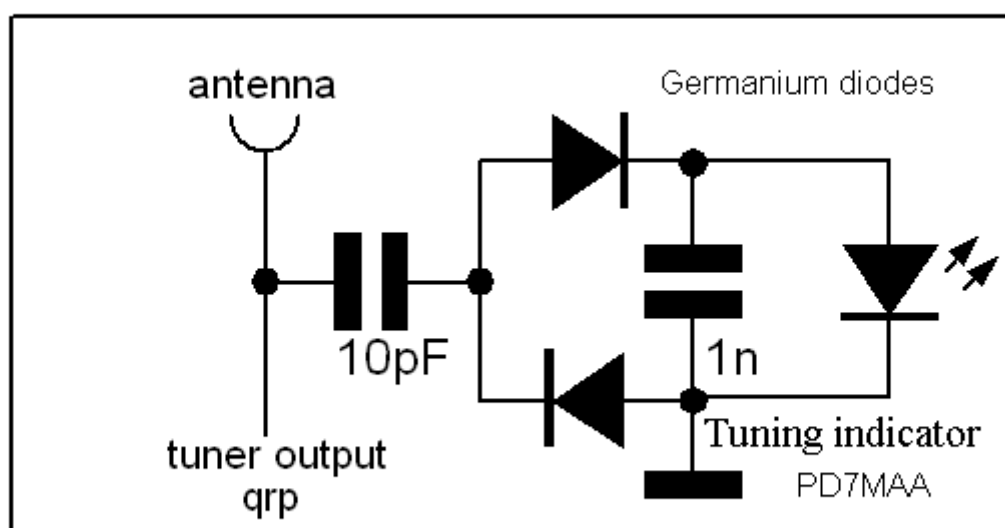




The QRP 160-6 m. mini Z-Match with a T130-2 toroid in a metal cabinet. Polyvarcons are used for tuning within qrp limits. By switching a 270-500 pF capacitor between the hot ends of C2 (2x 500pF) the tuning range can be extended. It's possible to tune a doublet antenna on all HF bands. Together with the FT-817 it makes a great qrp combo.



The micro Z-Match with 12x5x3 cm ultra portable for 80-6 m. In this tuner a nr. 6 material toroid was used. There is still some room left for a tuning indicator....



QRP tuning indicator . A perfect match is indicated by a bright shining LED , suitable for QRP only.Can be mounted in any QRP tuner at the antenna output.



THE TUNING AID IN MY MINI Z-MATCH

