40 ~ 10m L-Network

TX — **10µH** — **440** — **500** — **440** — **ANT** — **C_ext.**

Drawing: DJ0IP   (Note: Cap values are pF)

- The amount of total capacitance depends on the impedance range to be matched.

- The switched capacitors can be implemented either with a rotary switch, or with jumpers.

- For high or very low impedances, you may need more capacitance. Therefore you should provision for adding an external Cap on the back panel of the matchbox.

- For Symmetrical feedline, use an external 1:1 Guanella Balun.

    - Best is with 100 Ohm twisted pair or bifilar feedline.

    - Coax usually will work just as well, especially if the impedance to be matched is not too high.   (KISS)

1:1 GUANELLA BALUN

Epoxy Putty as Insulator

Photos: DJ0IP

Balun Info: http://www.dj0ip.de/balun-stuff/tuner-baluns/d-i-y-tuner-balun/