



ANTENNA COUPLER TO COVER 6 MHz – 30 MHz: This circuit is designed to match a random unbalanced antenna ('long' wire) to an unbalanced receiver input. The capacitors are standard single-gang 'broadcast' units with about 415 pF maximum capacitance. The coil is 24 turns of 19 gauge (swg or equivalent) enamelled copper wire wound on a 19 mm diameter former (plastic preferably), each turn spaced by about the diameter of the wire. Taps are made every second turn, from turn 2 to turn 22. An ordinary single-pole, multi-position switch is OK. The capacitors and switch are adjusted for best reception. Keep a record of the combinations.