

The M0CVO 4:1XP HF Balun

The M0CVO Antennas 4:1XP Extra High Power Balun operates from 1.8 – 54MHz. It will handle up to 1KW* RF power.

It is used to convert the 200Ω impedance seen at the centre of an off centre fed or folded dipole to something closer to the 50Ω required by your transceiver.

Simply connect one leg of the dipole to each of the two threaded terminals and secure using the winged nut. There is a crimp on lug included for each terminal.

Attach your 50Ω coaxial feedline to the SO239 connector at the base of the balun, raise the antenna to a reasonable height (a quarter wave at the lowest required frequency is optimum), plug the other end of the coaxial cable into your transceiver (via an ATU) and away you go.

*This is for intermittent amateur use and not for AM broadcast use. For AM broadcast, RTTY, etc, a much higher power transformer is required.