

The M0CVO 4:1 HF Balun

The M0CVO Antennas 4:1 High Power Balun operates from 1.8 – 54MHz. It will handle up to 400W CW or 500W PEP*.

It is used to convert the 200Ω impedance seen at the feedpoint 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. Each leg of the dipole should also be threaded through the corresponding strain relief ring to prevent excessive strain on the terminals.

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 power rating is for intermittent amateur (CW or SSB) use and not for AM broadcast or constant carrier data modes. For AM broadcast a much higher power BALUN is required.