

# MOPZT's Ham Goodies

Amateur Radio, Components and Tech Stuff

## Multi-UnUn

### Introduction

An UnUn connects an **Un**balanced feeder (your coax) to an **Un**balanced aerial such as a vertical or random length of wire. Some impedance transformation also takes place – in this instance, we have 3 tapping points each giving 4:1, 9:1 and 16:1 ratios. This means that if your wire presents as 450-ohms on a particular frequency, the 9:1 tap will transform it down to 50-ohms – allowing you to use it direct with your radio. An end-fed wire usually presents as a very high impedance load, so the various ratios can be used to help your antenna tuner match it correctly.

### Specifications

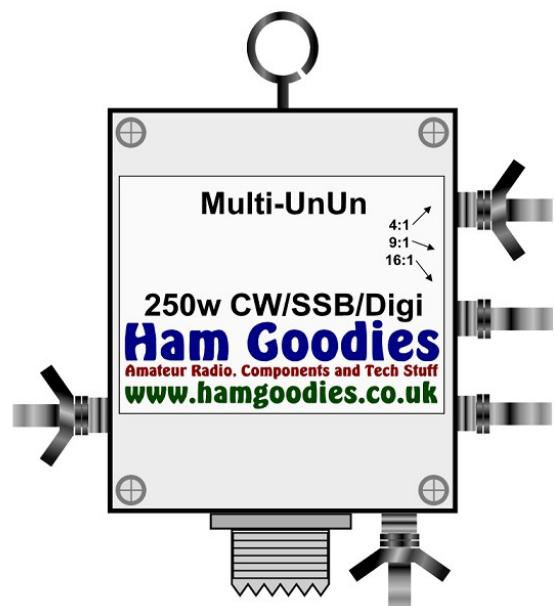
- FT240-43 Ferrite Core
- Rated for 250w CW/SSB/Digi

### How to Use

Typically, you would feed the UnUn from your radio with a length of coaxial cable (RG58 or RG213) to a fence and then run a long wire down to the end of your garden.

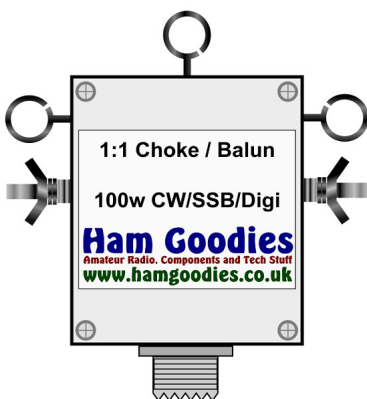
Add a counterpoise (ground wire) – A copper earth rod driven into the ground can also help.

Alternatively, a 7-10m fishing pole with a vertical wire and a suitable counterpoise also work great when out "portable".



Also available - Baluns, Chokes and Isolators in 100w and 400w versions:

*1:1 Dipole Balun*



*1:1 Line Isolator*



*G5RV Choke / Balun*



[www.hamgoodies.co.uk](http://www.hamgoodies.co.uk)