

# Horizon 6.7 HF Antenna System

## Antenna Kit - Compact horizontal dipole

The **Horizon 6.7** antenna kit is a compact self supported dipole antenna specifically designed for "Limited-Small space" applications.

Designed for use with an auto-tuner, each element is fitted with an M5 stud and wing nut to enable easy feed wire connection. The central bracket has two U bolts to allow fitting to a 50mm OD pipe masthead.

Radiating elements are manufactured from telescoping 25mm, 22mm & 19mm diameter drawn aluminium. This makes them flexible and extremely resilient to high winds and bird landings.

The width of the assembled antenna is only 6.8 metres. It is configured to operate in a frequency range of 2-54 MHz with the aid of an autotuner. (Subject to the tuning range of your tuner).

The dipole elements are three piece to reduce the shipping length to only 150 centimetres.

It is easy to assemble and with a weight of only **3kgs** it is extremely easy to erect.

## Horizon 6.7

# BU01097

- \*Requires an auto tuner
- \*2.0 MHz - 54MHz (Tuner dependant)
- \*Power Rating 1kW PEP (Tuner Dependant)
- \*Assembled length 6.8m
- \*Shipping length 1.5m
- \*Weight 3kg



Leads showing the manner of attaching feed wires on the 5mm studs with wing nuts.



Sample of how an optional 4:1 balun can be attached.

\*4:1 balun should be fitted when using an inline coaxial tuner. Outdoor Longwire style tuners (SGC Etc) can be mounted & connected directly to the radiating elements



Rear view showing the method of attachment to an optional round 50mm vertical masthead.

