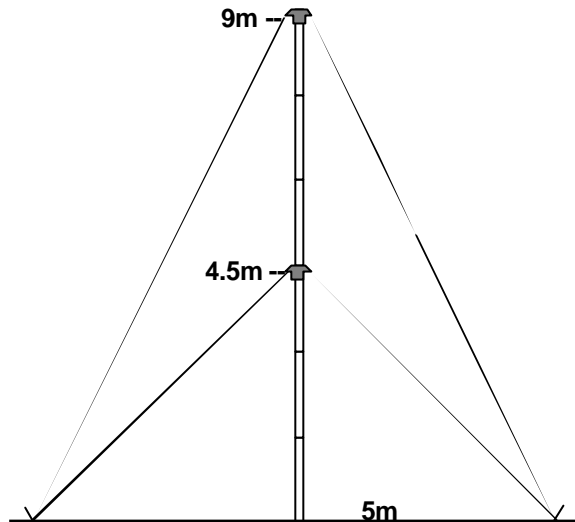


MOONRAKER

Type 9MP

Portable Mast/HF Antenna System



The Moonraker Portable Mast is designed to support wire antennas, such as the HF EF2-30, in situations where temporary radio communications are required.

Constructed from 32mm (1.25in) corrosion resistant tempered aluminium in six 1.5 metre (4.9 ft) slip together lengths, it is both lightweight and easy to erect and transport. The mast is supplied complete with two sets of four 4mm (3/16 in) polyethylene braided cord guys, aluminium guy tensioners, cast aluminium guy fittings and stainless steel halyard pulley.

A nylon standoff insulator and connection screw at the base permit the mast to be used as a vertical HF antenna, if required. Self resonance is approximately 8.0 MHz. An ATU and earth mat are normally required when used this way (option)..

A heavy duty canvas carry bag is available as an option. Note that a base plate may be necessary in soft ground (option).

Specifications

Height	9m (29.5ft)
Minimum Guy Spread	Not less than 5m (16ft) radius
Guy Tension	Recommended 3 kg (6.6 lbs)
Halyard Tension	14kg (30.8 lbs) maximum at 90° to top of mast
Downward Pressure on Base	Up to 50kg (110 lbs) depending on guy and halyard tensions and wind velocity
Wind Loading	9.3 kg at 80 km/h (20.5 lbs at 50 mph) 5.3 kg at 60 km/h (11.7 lbs at 37 mph)
Weight	Mast plus guys, fittings and canvas carry bag: 5.5 kg (12.1 lbs)

Specifications subject to change 1/98

Moonraker Australia Pty. Ltd. A.C.N. 009 531 211

Tasmania Technopark, Dowsing Point 7010, Tasmania Australia

Telephone 61 (0)3 6273 1533 Fax: 61 (0)3 6273 1749 Email: radiocom@moonraker.com.au