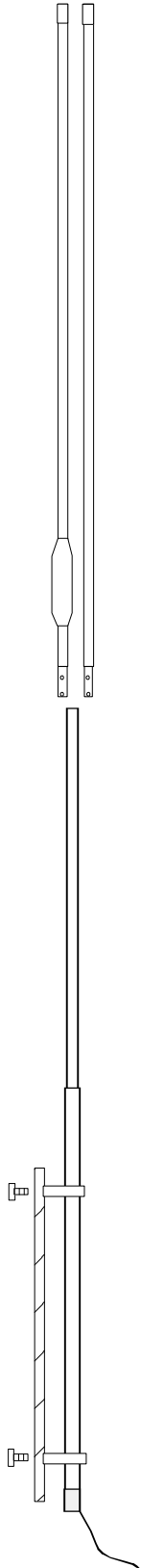




# M O O N R A K E R

## Type 15W

### Marine HF antenna for vessels over 5.5 metres (18 feet)



Designed to provide high efficiency communications in both the transmit and receive modes for professional use in the HF Band range from 2-30 MHz where a larger antenna may not be fitted.

The 15W is a compact 4.6m (15ft) whip, easily assembled from two sections (base: 2.7m (9ft); top: 1.85m (6ft)) which slip together and fasten with 2 stainless steel self tapping screws.

Construction is of marine grade tempered aluminium alloy, which provides a large low loss radiating surface, fully protected from the marine environment by a high durability epoxy based coating resistant to chemical attack, abrasion and the effects of ultra-violet radiation. Fittings are of nylon and stainless steel with low loss coils.

It is available unloaded or resonant at a single frequency (the highest to be used, normally 2.6, 4.6, 6.3, 8.3 or 10 MHz). For operation on frequencies lower than the resonant frequency, the difference is made up in the ATU.

### SPECIFICATIONS

<b>HF Marine Band</b>	2-30 MHz
<b>Length</b>	4.6 metres (15 ft)
<b>Pattern</b>	Omnidirectional
<b>Polarisation</b>	Vertical
<b>Base Diameter</b>	20mm (3/4 in)
<b>Frequency Range</b>	Pretuned to frequency, or unloaded 2-30 MHz with suitable ATU
<b>Wind Loading</b>	3.5 kg at 100 km/h (7.7 lbs at 60 mph) 5.9 kg at 130 km/h (13 lbs at 81 mph)
<b>Power Capability</b>	500W PEP for unloaded top sections, 300W PEP for normal loaded top sections; higher power to order
<b>Mountings</b>	Two 63mm (2.5 in) nylon clamp type insulators, 35mm (1.375 in) diameter, threaded to take an M10 bolt (not supplied); insulator spacing not less than 45cm (1.5 ft)
<b>Connection</b>	Silicone insulated flexible cable tail 2m long (6.5 ft) 56/0.3 tinned copper; length should not exceed that provided for correct operation on the higher frequencies
<b>Packed Weight</b>	3 kg (6.6 lbs) with mountings

Specifications subject to change 09/08

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