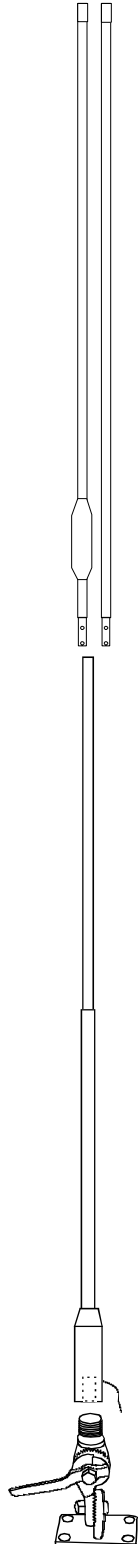




M O O N R A K E R

Type 15S/D

**Marine HF antenna for vessels over 5.5 metres (18 feet)
where higher efficiency combined with swingdown facility is required**



Designed to permit easy adjustment of antenna angle and to provide high efficiency communications in both the transmit and receive modes where antenna obstructions (bridges, etc.) may be encountered or deck level stowage is necessary or desirable.

The 15S/D, a 4.6m (15ft) whip, is quickly assembled from two sections [base: 2.7m (9ft); top: 1.85m (6ft)], which slip together and fasten with two stainless steel self tapping screws. The compact and sturdy stainless steel swingdown mount, which may be mounted unobtrusively on deck or cabinside, may be adjusted in 10° steps and is easily locked into position by a heavy duty ratchet and wing nut.

Construction is of marine grade tempered aluminium alloy, which provides a large low loss radiating surface, fully protected 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

HF Marine Band	2-30 MHz
Length	4.6 metres (15 ft)
Pattern	Omnidirectional
Polarisation	Vertical
Base Diameter	35mm (1.375 in)
Frequency Range	Pretuned to frequency, or unloaded 2-30 MHz with suitable ATU
Wind Loading	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)
Power Capability	500W PEP for unloaded top sections, 300W PEP for normal loaded top sections; higher power to order
Mountings	A nylon insulator mated to an adjustable angle, aluminium alloy mount via a threaded 25.4mm (1 in) 14TPI stainless steel stud (supplied) and 4 x 6.4mm (¼ in) countersunk head screws (not supplied). May be cabinside or deck mounted.
Connection	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
Packed Weight	3 kg (6.6 lbs) with mountings

Specifications subject to change 01/06

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