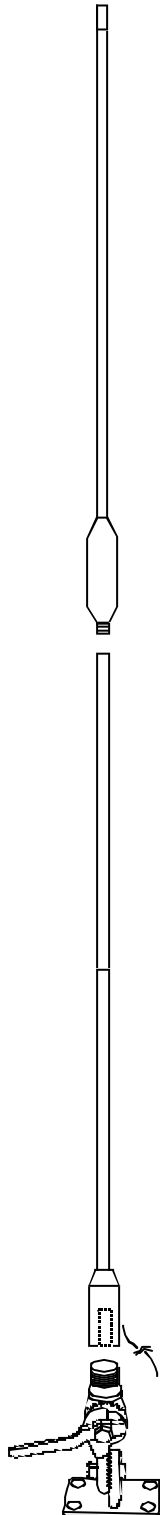




M O O N R A K E R

Type 12S/D

Marine HF antenna for smaller vessels particularly of the trailed type where a 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 12S/D, a 3.65m (12ft) whip, is quickly assembled from two 1.85m (6ft) sections which screw together on a self locking taper. 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 lightweight marine grade tempered aluminium alloy tubing, providing a large low loss radiating surface, coated with black (optionally white) PVC for maximum protection from the marine environment and ultra violet radiation. Fittings are of nylon, stainless steel and chromed bronze 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	3.65 metres (12 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	2.54 kg at 100 km/h (5.6 lbs at 60 mph) 4.3 kg at 130 km/h (9.5 lbs at 81 mph)
Power Capability	400W PEP for unloaded top sections, 250W 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	2.5 kg (5.5 lbs) with mountings

Specifications subject to change 11/01

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