



M O O N R A K E R

## Type HF MRA RXMP

### HF Broadband Tactical Receiving Antenna System

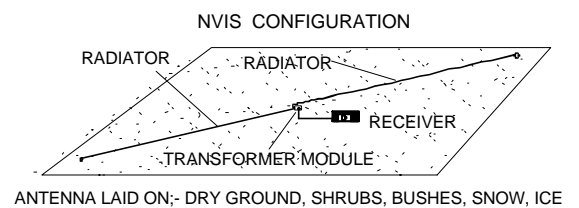
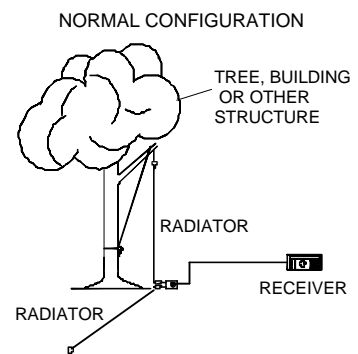


The Moonraker HF MRA RXMP is designed to provide reception from 2-30 MHz in the field. The system features a matching transformer with coaxial connector and uses two fast deployment reels, one for the antenna and the other for the counterpoise

The antenna cables are constructed from Kevlar strengthened tinned copper braided wire with PVC coating in drab olive colour.

The antenna is designed to be used as either a vertical or horizontally polarised system. Depending on the configuration and height above ground the antenna can be used operationally to receive high angle radiation NVIS (Near vertical Incidence Skywave), long distance skywave or short range ground wave field communications.

Designed for fast one man field deployment, the system is packed in a small lightweight *camouflage* pattern, as per Army (Aust) 6557, satchel with shoulder strap. It comes complete with waterproof instructions support cord, throwing weight support stake and coaxial cable with connectors fitted.



## Specifications

<b>Frequency Range</b>	HF 2-30 MHz
<b>Element Lengths</b>	2 x 15m (50ft) wire radials
<b>Element Material</b>	Kevlar fibre strengthened tinned copper PVC coated flexible wire
<b>Element Colour</b>	Drab olive green
<b>Connectors</b>	Coaxial BNC (options for receiver end)
<b>Connection</b>	10m 50Ω coaxial cable with fitted connectors
<b>Polarisation</b>	Either vertical or horizontal
<b>Impedance</b>	50Ω nominal
<b>Pack Size (Satchel)</b>	85x250x220mm (3.3x9.8x8.7 in) approx.
<b>Packed Weight</b>	1.25kg (2.75 lbs)

Specifications subject to change 11/03

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