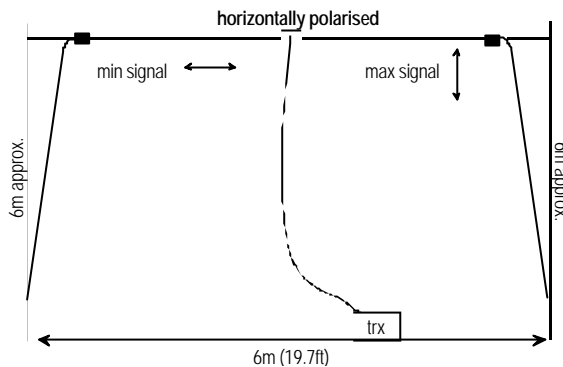




M O O N R A K E R

## Type VHF Lightweight Dipole

Designed for temporary quick erection base station use in the field

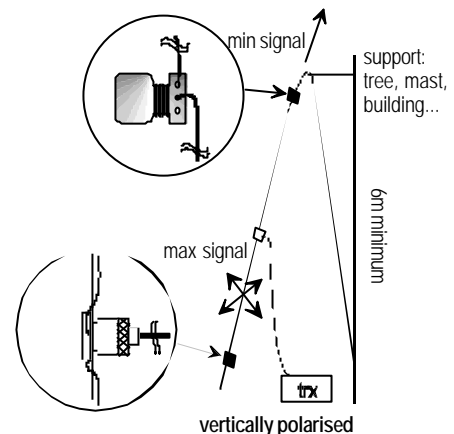


The antenna is based upon a centre fed wire dipole and is adjustable over the complete 30-88 MHz frequency band. It consists of a centre loaded antenna coupler, two separate bobbins loaded with Kevlar strengthened, tinned copper braided wire with PVC coating in drab olive colour to provide maximum durability, camouflage and performance. The wires are marked out for differing frequencies over their length.

There are two fast deployment reels containing the guy or halyard ropes, complete with throwing weights, which are used to suspend or support each end of the antenna elements. Also included is a 12m (40ft) coaxial connecting cable, with connectors and a ground stake.

The antenna is designed to be used as either a vertical or horizontally polarised system.

The system is packed in a small lightweight *camouflage* pattern, as per Army (Aust) 6557, satchel complete with waterproof instructions and shoulder strap.



## Specifications

<b>Frequency Range</b>	VHF 30-88 MHz
<b>Element Lengths</b>	Adjustable from 2.5m to 0.8m (8.2-2.6 ft) [overall 5 to 1.6 m (16.4-5.3 ft)]
<b>Element Material</b>	Kevlar fibre strengthened tinned copper PVC coated flexible wire
<b>Element Colour</b>	Drab olive green
<b>Halyard Ropes</b>	2 x 25m (82ft), dark green colour
<b>Connecting Cable</b>	12m (39ft) RD58CU coaxial cable
<b>Connectors</b>	Coaxial BNC at transceiver end (options)
<b>Polarisation</b>	Either vertical or horizontal
<b>RF Power</b>	25w (max.)
<b>Impedance</b>	50Ω nominal (at adjusted frequency)
<b>Pack Size (Satchel)</b>	85x250x220mm (3.3x9.8x8.7 in) approx.
<b>System Weight</b>	1.8kg (4 lbs)

Specifications subject to change 2/01

**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