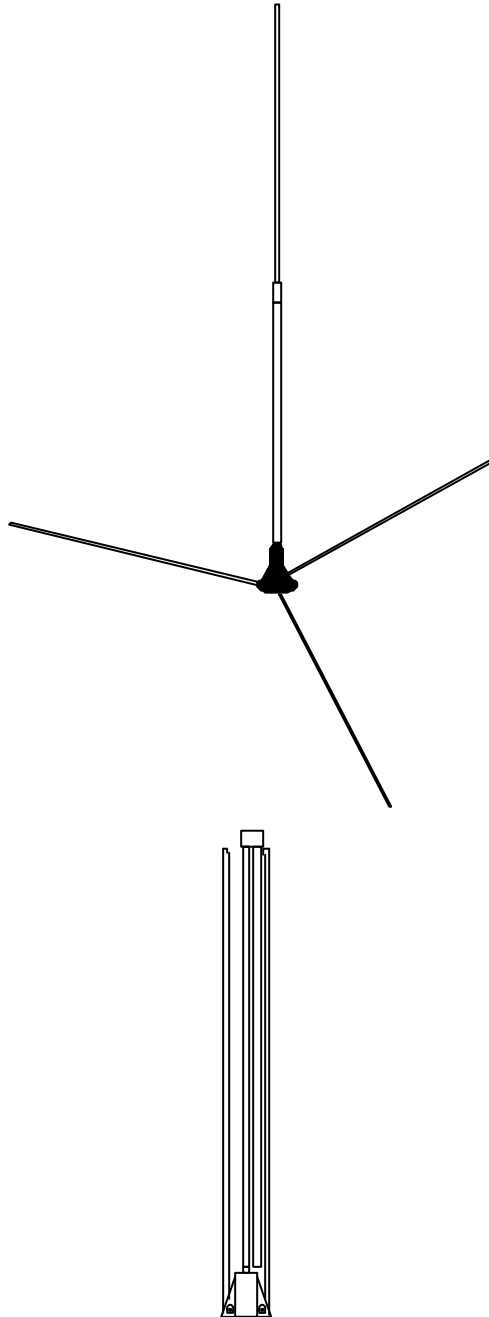




M O O N R A K E R

Type BRX 500MP

Broadband 30-500 MHz portable receiving antenna system



The BRX500MP is a wideband man portable receive antenna designed for tactical or covert surveillance purposes from VHF through to the UHF bands and has particular application for military and paramilitary services.

The main vertical radiator comprises a multi-element array ensuring resonance, on different bands, at or near a quarter wavelength. The resulting radiation characteristics are omnidirectional and well suited to reception of both direct and skywave signals across the operational frequency range.

The BRX500MP is lightweight and compact collapsing from its extended length of 1200mm (3.9ft) to 600mm (2ft) to facilitate transportation.

The antenna is constructed in two sections with elements housed within a GRP shroud and four ground radials attached, forming a single unit for fast deployment in the field. No assembly is necessary and no tools are required. The radiator and radial elements are swung into their operational position being held in place by a simple automatic (releasable) locking system. Connection is via a BNC type coaxial connector in the base.

The system is packed in a lightweight carry bag in drab olive. Antenna finish is drab olive and black or drab olive and sand.

Specifications

Frequency Range	30-500 MHz
Gain	+2 dBi
Pattern	Omnidirectional
Polarisation	Vertical Linear
Impedance (output)	50 Ω (nominal)
Connection	BNC type coaxial connector at base
Extended Length	1200mm (3.9 ft)
Folded Length	600mm (2ft)
Weight - Antenna	1100g (2.4 lbs) approx
- Carry Bag	300g (10oz)

Specifications subject to change 09/04

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