



M O O N R A K E R

Type BLP50-1500

**Directional Broadband transceiving antenna system
50MHz to 1500MHz**



The BLP50-1500 is designed to provide wideband directional transmission of radio signals from VHF through to the UHF bands. Output is provided via one 50W coaxial output in the frequency range: 50-1500 MHz. This system has particular application for military and para military services.

The principle of operation is that of a directional wideband system comprising a 25 element log periodic array antenna which can be erected at various angles for different polarisations..

The log periodic array has foldable long elements, the longest of which is 1.5 metres with a boom length of 2 metres. The longer elements are attached via a fast deployment self locking device at points along the boom.

Standard colour is drab olive and black (other colours to order).

Specifications

| | |
|---------------------------|------------------------------------|
| Frequency Range | 50 to 1500 MHz |
| Impedance (output) | 50Ω (nominal) |
| Gain | 10dBi (nominal) |
| RF Power | 250W CW 1kW PEP |
| VSWR | 2:1 |
| Connection | N type coaxial connector |
| Polarisation | Variable according to installation |
| Pattern | Directional |
| Boom Length | 2m (6.6ft) |
| Wind Survival | 160 km/h (100mph) |

Specifications subject to change 10/06

Moonraker Australia Pty. Ltd. A.B.N. 57 009 531 211

Tasmania Technopark, Dowsing Point 7010, Tasmania Australia

Website: www.moonraker.com.au Telephone 61 (0)3 6273 1533 Fax: 61 (0)3 6273 1749 Email: radiocom@moonraker.com.au