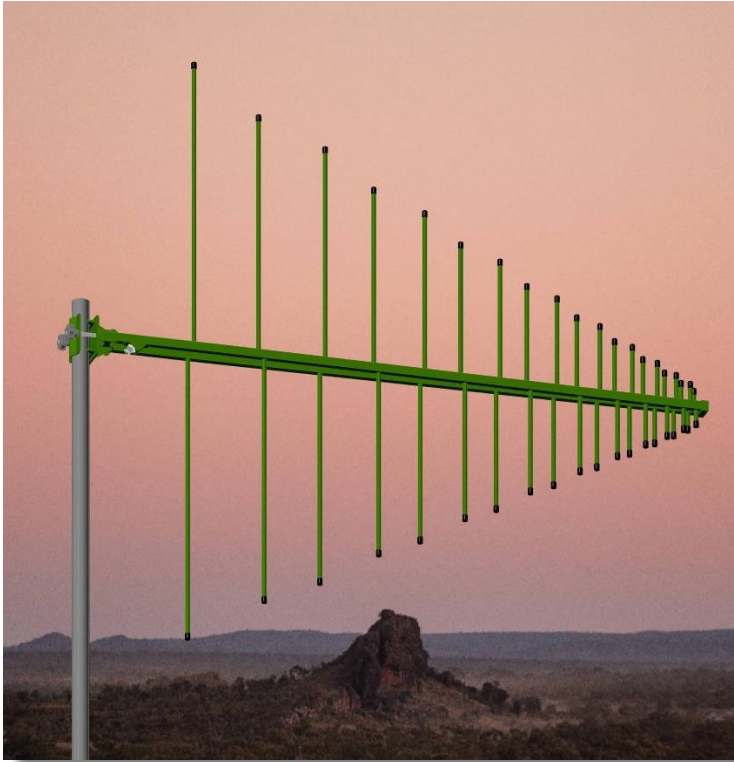


# BLP100-1000

## Directional V/UHF Log Periodic Antenna



The BLP100-1000 Log Periodic Antenna is a compact and robust, directional V/UHF antenna operating over the frequency range 100 to 1000 MHz, designed for mast mounting in the base station role.

The BLP100-1000 is used for long range ground to ground, ground to air or ship to shore V/UHF communications links, and monitoring.

The BLP100-1000 is constructed from epoxy finished aluminium and stainless steel. All mounting hardware is supplied.

The dipole elements and boom assembly are disassembled and packed in a convenient carry bag. Typical assembly time is about 10 minutes.

### Features

- Compact and lightweight
- Pole/mast mounted
- High gain
- Directional
- Lightweight and durable
- Serviceable (replaceable parts)

### Specifications

Frequency range	100 - 1000 MHz
Gain	6 dBi
VSWR	< 2.5:1
Input impedance	50 $\Omega$ Nominal
Front to back ratio	15 dB
Input power	100 Watts
Input connector	N female
Vertical beamwidth	60 Degrees
Horizontal beamwidth	80 Degrees
Polarization	Vertical
Boom length	1.55 Meters
Width	1.5 Meters
Number of dipoles	20
Weight	8 Kg
Environmental	MIL-STD 810G (see specification for details)