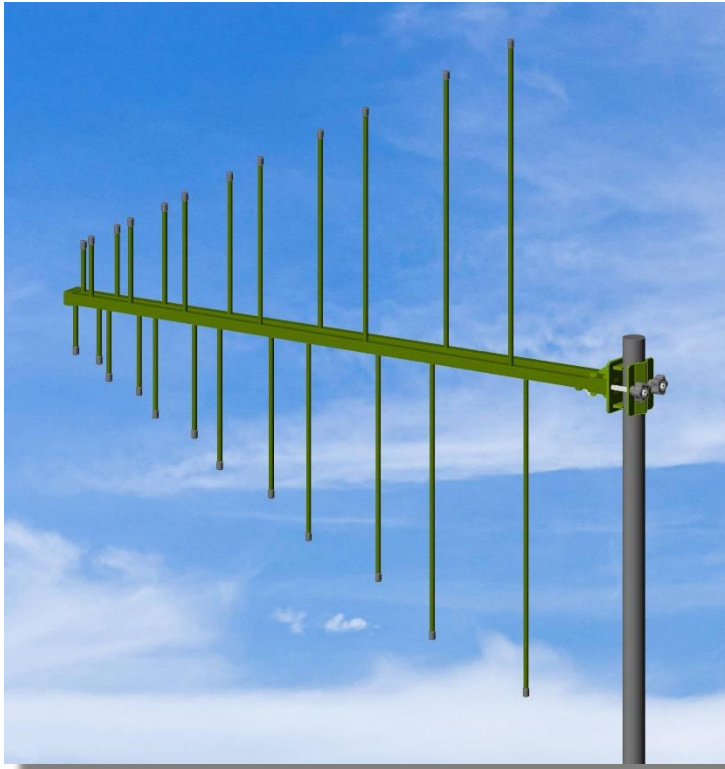


BLP115-520

Directional V/UHF Log Periodic Antenna



The BLP115-520 Log Periodic Antenna is a compact and robust, directional V/UHF antenna operating over the frequency range 115 to 520 MHz, designed for mast mounting in the base station role.

The BLP115-520 is used for long range ground to ground, ground to air or ship to shore V/UHF communications links.

The BLP115-520 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
- Moderate gain
- Directional
- Lightweight and durable
- Serviceable (replaceable parts)

Specifications

Frequency range	115 - 520 MHz
Gain	6 dBi
VSWR	< 2.5:1
Input impedance	50 Ω 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	1.25 Meters
Width	1.3 Meters
Number of dipoles	12
Weight	5 Kg
Environmental	MIL-STD 810G (see specification for details)