



BROADBAND PROPAGATION

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BP-LP-38-T VHF LOG PERIODIC ANTENNA - Transportable

The BP-LP-38-T is an 11 element log periodic antenna covering the VHF Band of 30 to 88 MHz, with a mid-band gain of 7dBi. And Front to Back ratio of 11dB

Construction is of aluminium, with booms which disassemble for transport, The antenna elements also easily detach to enable the whole antenna to be reduced to a compact package for transport and storage.

The antenna elements are fabricated from a special, ultra-high tensile Aluminium tubing which has a strength to weight ratio far exceeding tube steel or fibreglass (comparable to carbon fibre).

Vertical and Horizontal polarisation modes are provided for. Mounting is via a standard 40mm spigot or alternative mounting can be provided if desired. The antenna is supplied with a sturdy canvas carry bag.

Specifications

Frequency Range:	30-88 MHz
Impedance:	50 Ohms
Gain:	4dBi Minimum to 7dBi Maximum
Polarisation:	Horizontal or Vertical
F/B Ratio:	11 dB
Beam Width	E Plane 88 Deg. H plane 110 Deg. Typical (Frequency. dependant)
VSWR:	Better than 3:1
Power Rating	400 watts PEP
Input Connection:	N type female (socket)
Mounting:	40mm diameter mounting spigot
No. of Elements:	Eleven
Antenna Length:	3.3 metres
Antenna Width:	3.2 metres, At widest point
Antenna Weight:	12 kg including carry bag

