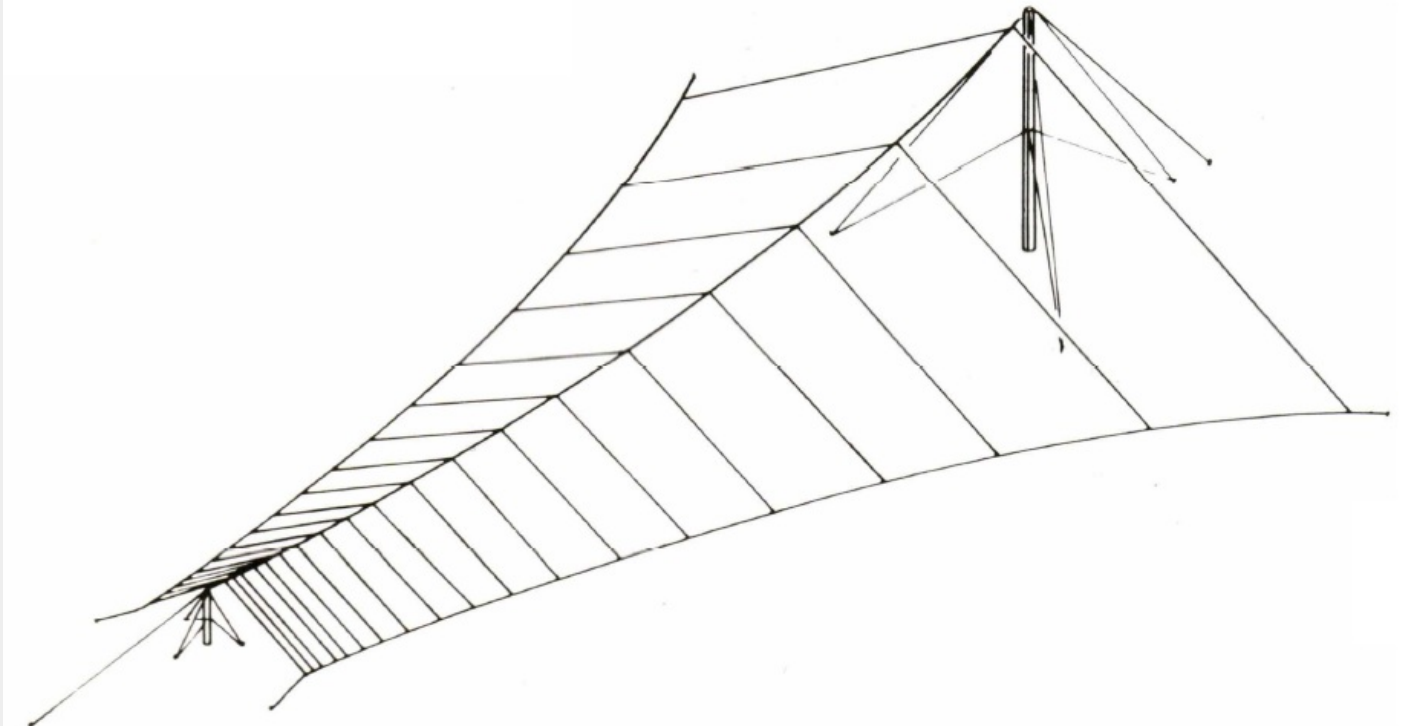


AT LPA HF Log Periodic Antennas

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Our HF Broadband Log Periodics are almost 100% efficient and are short to medium range antennas. They can be supplied in a number of models to suit differing frequency spans. They are high gain and directional and can be configured as bidirectional if two are mounted back to back.

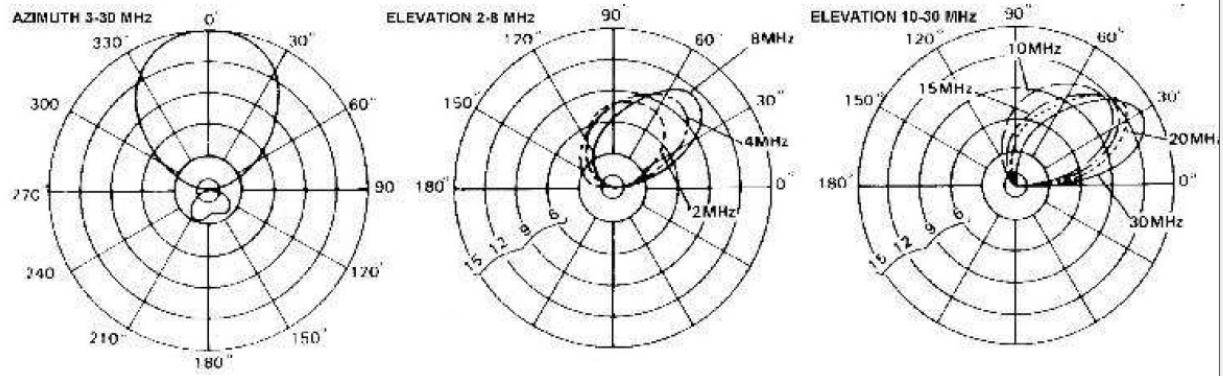
The antennas are end fed and can be supplied with power ratings ranging from 200 watts, to 10 Kilowatts CW (Continuous). The antennas are almost 100% efficient across the full operating range of frequencies. Radiation is horizontally polarised

Full lightning protection is provided

Specifications

	AT LPA-2-30	AT LPA-3-30	AT LPA-5-30
Frequency:	2-30 MHz	3-30 MHz	5-30 MHz
Gain:	Dependant on frequency 8-13 dBi		
VSWR:	2.0-1 most of band, 2.5:1 maximum		
Polarisation:	Horizontal		
Power Rating :	250 watt average (1 kW PEP) 1Kilowatt average (4 kW PEP) and 10 Kilowatt (40 kW PEP) models available		
Input Impedance:	50 ohms		
Input connection:	Dependant on power rating		
Mechanical			
Mast Height:	23m	18m	12m
Overall length:	130m	100m	65m
Overall Width:	80m	62m	40m
Wind Rating	150 km/hr		

All metal materials are of high grade stainless steel or hot-dip galvanised steel.
Ceramic insulators used throughout.



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