

LPY100-500

VHF & UHF 100-500MHz

Log periodic Yagi

For applications requiring genuine broadband coverage across the VHF & UHF frequency range 100-500MHz, the LPY100-500 log periodic Yagi offers the ideal solution.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	LPY100-500
Construction	Aluminium, or add SS for 304 grade stainless steel
Frequency range	VHF & UHF 100-500MHz
Bandwidth	Full band
VSWR	<2:1 across full band
Tuning	Factory
Gain	7 dBi across full band
Maximum power	200 Watts
Impedance - nominal	50 Ohms
Polarisation	Horizontal
H Plane	105° - 142° depending on frequency
E Plane	43° - 75° depending on frequency
Front-to-back ratio	7dB - 15dB depending on frequency
DC grounding	Yes
Connector	N-type female fitted to 200mm RG58 stranded
Boom length	1.8 metres
Longest element	1.5 metres
Weight in aluminium	2.7Kg
Weight in stainless steel	5.4Kg
Projected area	0.104m ²
Wind load at 160kph	12.5Kg, 0.123kN
Mounting hardware (supplied)	Welded mounting plate, 2 x V-blocks & 2 x 50mm diameter stainless steel U-bolts

