

LPY100-500

VHF & UHF

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

Specifications	LPY100-500
Construction	Aluminium, or add SS for stainless steel (304 grade)
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 (fitted)	N-type female 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 Accessories (supplied)	Welded mounting plate, 2 x V-blocks & 2 x 50mm diameter stainless steel U-bolts

