

## LPY350SS & LPY400SS

UHF 300-650MHz

Log periodic Yagi

The LPY350SS and LPY400SS log periodic Yagi's provides exceptionally broad bandwidth coverage across the UHF 300-400MHz or 350-650MHz frequency ranges.

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

Specifications	LPY350SS	LPY400SS
Construction	Fully-welded 304 grade stainless steel components	
Frequency range	UHF 300-400MHz	UHF 350-650MHz
Bandwidth	Full band	Full band
VSWR	<2:1 across full band	
Tuning	Factory	Factory
Gain	6 dBi	8.3dBi
Maximum power	150 Watts	50 Watts
Impedance - nominal	50 Ohms	50 Ohms
Polarisation	Mount horizontal or vertical as required	
H Plane	98° - depending on frequency	
E Plane	59° - depending on frequency	
Front-to-back ratio	24dB	24dB
DC grounding	Yes	Yes
Connector	BNC female fitted to 200mm RG58 stranded	N-type female fitted to 200mm RG58 stranded
Boom length	600mm	744mm
Longest element	500mm	429mm
Weight	970 grams	1.2kg
Projected area	0.025m <sup>2</sup>	0.047m <sup>2</sup>
Wind load at 160kph	2.57kg, 0.026kN	5.73kg, 0.056kN
Mounting hardware (supplied)	Welded angle plate clamp and 50mm diameter stainless steel U-bolt	

