



## LPY350SS & LPY400SS

Stainless steel log periodic antennas

UHF 300-650MHz



The LPY350SS and LPY400SS log periodic antennas 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.

	LPY350SS	LPY400SS
Construction	Fully-welded 304 grade stainless steel boom and fixed front elements, detachable rear elements, mounting hardware and external cable	
Frequency range	UHF 300-400MHz	UHF 350-650MHz Suits CN470-510
Bandwidth	Full frequency range	
VSWR	<2:1	
Tuning	Factory	
Gain	6dBi	8.3dBi
Maximum power	150 Watts	50 Watts
Impedance - nominal	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	
DC grounding	Yes	
Connector	BNC female jack fitted to 200mm MIL-SPEC RG58 stranded	N-type female jack fitted to 200mm MIL-SPEC RG58 stranded
Boom length	600mm	744mm
Longest element	500mm	429mm
Weight	3.2kg	3.5kg
Projected area	0.025m <sup>2</sup>	0.051m <sup>2</sup>
Wind load at 160kph	2.57kg, 0.026kN	6.151kg, 0.060kN
Mounting hardware supplied	Welded angle plate clamp and 50mm diameter stainless steel U-bolt	
Installation tools required	13mm or 1/2" spanner for U-bolt securing	



Detachable rear elements for reduction in courier costs and storage. Must be tightened using hole and jimmy bar supplied.



Cable exit from bottom boom and mounting bracket welded onto rear of antenna