

LPY2250 and LPY2250-25

Fully-welded broadband log periodic Yagi
UHF/4G LTE/4G or 3G 650-2250MHz

The LPY2250 and LPY2250-25 log periodic Yagi's provide exceptionally broad bandwidth coverage across the UHF frequency range 850-2250MHz or 650-2250MHz.

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

Specifications	LPY2250	LPY2250-25
Construction	Fully-welded 304 grade stainless steel boom, elements and mount bracket	
Frequency range	UHF or 4G and 3G 850-2250MHz	UHF or 4G LTE, 4G and 3G 650-2250MHz
VSWR	<2:1 across full band	
Tuning	Factory	
Gain	8 dBi	10.2 dBi
Maximum power	250 Watts	
Impedance - nominal	50 Ohms	
Polarisation	Mount horizontal or vertical as required	
H Plane	98°	63°
E Plane	59°	48°
Front-to-back ratio	24 dB	
DC grounding	Yes	
Cable tail	200mm RG58 low loss - rear exit from clamp	
Connector	N-type female fitted as standard - or specify requirements	
Boom length	480mm	1.15m
Longest element	185mm	200mm
Weight	410grams	650grams
Projected area	0.009m ²	0.012m ²
Wind load at 160kph	0.995kg, 0.01kN	1.01kg, 0.02kN
Mounting hardware (supplied)	Welded angle mounting plate and 50mm diameter stainless steel U-bolt	



LPY2250 - 850-2250MHz



LPY2250-25 - 650-2250MHz