

LPY108-88

FM Radio 87.5-108MHz

Log periodic Yagi

For applications requiring genuine broadband coverage across the entire FM Radio frequency range 87.5-108MHz, the LPY108-88 log periodic Yagi offers the ideal solution.

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

Specifications	LPY108-88
Construction	Fully-welded aluminium boom, elements and mount bracket
Frequency range	FM Radio 87.5-108MHz
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	Mount Horizontal or Vertical as required
H Plane	98°
E Plane	59°
Front-to-back ratio	>15 dB
DC grounding	Yes
Cable tail	200mm RG142 stranded rear bottom exit from boom
Connector	N-type female fitted to cable
Boom length	2.911m
Longest element	1.88m
Weight	2.6kg
Projected area	0.101m ²
Wind load at 160kph	12.2kg, 0.113kN
Mounting hardware (supplied)	Welded mounting plate, 2 x V-blocks & 2 x 50mm diameter stainless steel U-bolts

