

## LPY88-800-175SB

FM Radio, VHF & UHF 88-800MHz

Log periodic Yagi

For applications requiring genuine broadband coverage across the FM Radio, VHF & UHF frequency range 88-800MHz, the LPY88-800 log periodic Yagi offers the ideal solution.

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

Specifications	LPY88-800-175SB
Construction	2-piece 'split' aluminium boom, aluminium detachable elements, mount plate and tilting mount bracket and 2-piece cable assembly
Frequency range	FM Radio, VHF & UHF 88-800MHz
Bandwidth	Full band
VSWR	<2:1 across full band
Tuning	Factory
Gain	7dBi across full band
Maximum power	200 Watts
Impedance - nominal	50 Ohms
Polarisation	Mount horizontal or vertical as required
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	N-type female fitted to rear plate
Dimensions	Length: 2.2 metres, Widest element: 1.724m
Projected area	0.182m <sup>2</sup>
Wind load at 160kph	21.993kg, 0.216kN
Mounting hardware (supplied)	Detachable mounting spigot allows for adjustable polarisation configuration



LPY88-800-175SB pivot in vertical orientation



LPY88-800-175SB pivot in horizontal orientation

