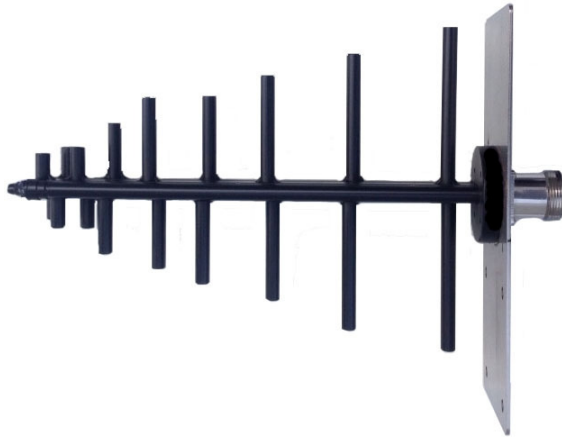


Product Data



Part Number : AE-LPH-800-200-400W
Description : High Power (400 Watts)
Log Periodic Antenna

The AE-LPH-800-200-400W log periodic dipole antenna is designed to provide wideband directional transmission/ reception of radio signals from 800 to 2000 MHz bands.

The compact size of the log periodic antenna allows easy handling and specially designed mounting arrangement results in fast installation.

This high gain LPA provides strong performance over

the entire frequency of 800-2000 MHz as the LPDA does not use loading technique to reduce the overall size of array. This log periodic antenna operates at D.C. ground with low resistance discharge path for protection against lightning and for immunity to noise. Output of log periodic antenna is provided via low loss coaxial cable at the back end of the antenna boom.

Specifications

Frequency	800-2000 MHz
Gain	9dBi typical
Band Width	Full 800-2000 MHz
Polarisation	Vertical or Horizontal
Impedance	50 Ohms
Horizontal Beam Width	40-60 Degrees
Half Power Points	
Front to Back Ratio	18 dB
VSWR	<2:1
RF Power	400 Watts
Connector	7/16 DIN Female
Lightning Protection	Direct Ground
Wind Rating	200 KM/H
Overall Length	310mm
Overall Width	225 mm
Shipping Dimensions	330 x 280 x 140mm
Support Boom Material	Copper Square Tube
Element Material	Copper Rod
Insulator Material	Nylon & Teflon
Mounting clamp Positon	At back end of antenna
Max Mounting Pipe Diam	51mm (2 inches)
Gross Weight	1.5 Kg
Operating Temperature	-30 to + 70 Degrees C
Storage Temperature	-40 to +80 Degrees C
Humidity	0 to 95% RH

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