

Log Periodic Dipole Antenna 20 – 500 MHz



Electrical Specifications	
Impedance	50 ohms
Frequency Range	20-500 MHz
Gain	9 dBi(Typical)
Bandwidth	Entire Band
VSWR	3:1
Polarization	Vertical or Horizontal
Horizontal Beam Width	110 +/- 10 Degrees
Radiation Pattern	Directional
Front to Back Ratio	14+/-2 dB
RF Power Handling Capacity	1000 Watts
Input Termination	N- Female
Lightening Protection	DC Ground
Mechanical Specifications	
Support Booms & Radiating Elements Materials	6063T6 Aluminum Alloy
Mounting Hard Ware Materials	Marine Grade Stainless Steel
Weight Approx	20 kg
Wind Rating	180 KMPH
Wind Load- Without Ice	1.1 Square Meter
Support Boom Materials	Aluminum – Square Tube
Elements - Materials - Cross Section	Aluminum - Round Tube
Mounting Clamps Position	At Center of the Support Boom
Maximum Mount Pipe Diameter	50-100mm (2-4 Inches)
Environmental Specifications	
Operating Temperature	-30 to +70 Degree Celcius
Storage Temperature	-40 to +80 Degree Celcius
Humidity	0 to 95 % RH