

Wideband LPDA Antenna Model no.: SRFS-LPDA-A0110

Product Description

The LPDA-A0110 is a directional log-periodic dipole array that covers the 100 to 3000 MHz frequency band. High-powered unit of 500 W of power up to 1000 MHz with a typical gain of 6 dBi over 90% of the band. This antenna can be customized for various frequencies within this frequency band with excellent gain, VSWR and high-power handling.

Product Feature

- Low VSWR and high gain
- High feed power handling
- Vertical and horizontal polarization
- Easy to assemble and disassemble
- Rugged construction



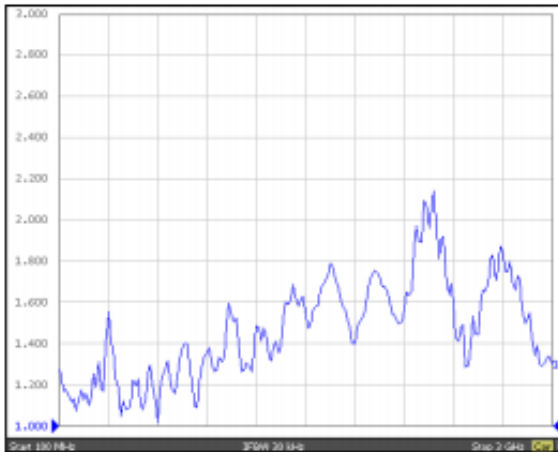
Electrical Specifications	
Frequency range	100 – 3000 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connector	7/16 female
Feed power handling	500 W
Gain on horizon	6 dBi typical
E-plane 3 dB beamwidth	60°
H-plane 3 dB beamwidth	110°
Polarization	Adjustable (vertical and horizontal)
Mechanical Specifications	
Dimensions (l x w)	1900 mm x 1600 mm
Material	Aluminium, stainless steel, fiberglass
Mounting method	On a bracket fitted to a mast
Environmental Specifications	
Temperature (operational)	- 30 °C to +65 °C
Wind survival on mast	160 km/h (calculated)
Water and dust resistance	IP 65

SRFS TELEINFRA

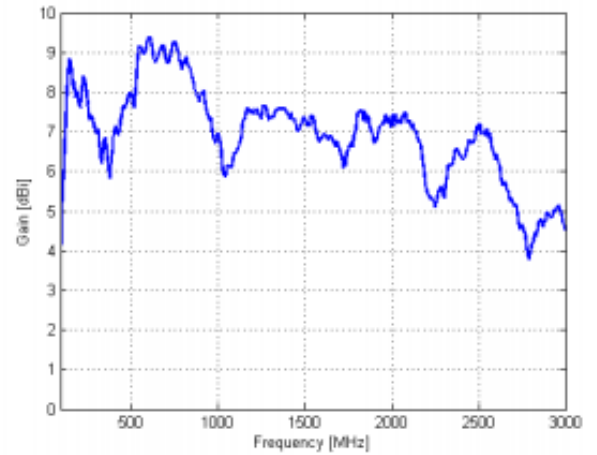


Wideband LPDA Antenna Model no.: SRFS-LPDA-A0110

VSWR:

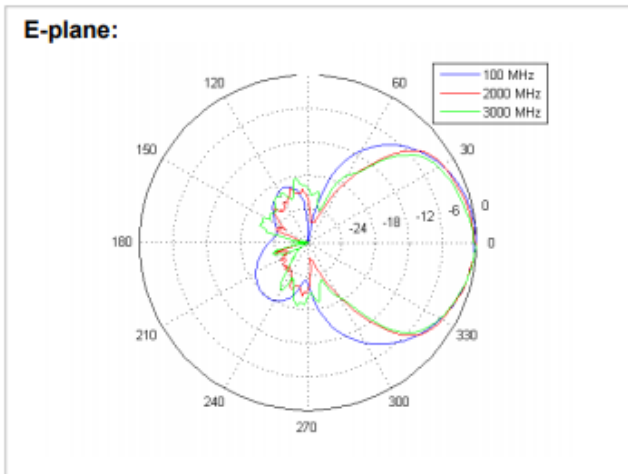


Gain:

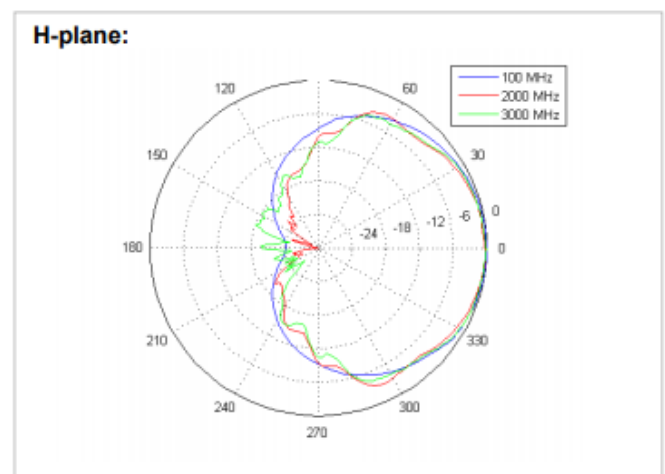


PATTERNS:

E-plane:



H-plane:



Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

+91-9027232570, +91-8800726650 info@srfsteleinfra.in, info@srfsteleinfra.com

www.srfsteleinfra.in