

Wideband Directional Antenna Model no.:SRFS- LPDA-A0005

Product Description

The LPDA-A0005 is a directional log-periodic dipole array that is primarily designed for wideband monitoring applications. It covers the frequency band of 250 to 3000 MHz, and has a typical gain of 9 dBi. The antenna can be mounted for horizontal or vertical polarization via a bracket on a mast. This antenna can be customized if required, for different frequency ranges.

Product Feature

- Wideband coverage
- VSWR < 2:1 over 90% of band
- High gain over the band



Electrical Specifications

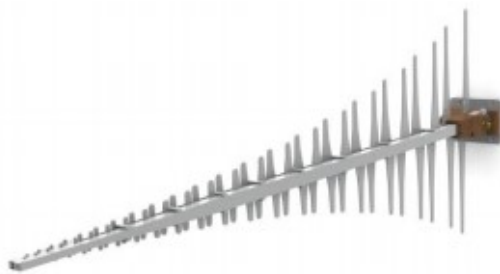
Frequency range	250 – 3000 MHz
VSWR	< 2:1 over 90% of band
Nominal system impedance	50 Ω
Connector	N-type female
Feed power handling	50 W
Gain	11 dBi (max) see curve
Polarization	Linear, horizontal and vertical

Mechanical Specifications

Width	679 mm
Length	1703 mm
Thickness	48.3 mm
Total mass	8 kg
Material	Aluminium, stainless steel, fiberglass
Mounting method	U-bolts supplied for 60 – 100 mm masts

Environmental Specifications

Qualification	MIL-STD-810E
Wind survival	160 km/h
Temperature operational	- 31 °C to + 49 °C

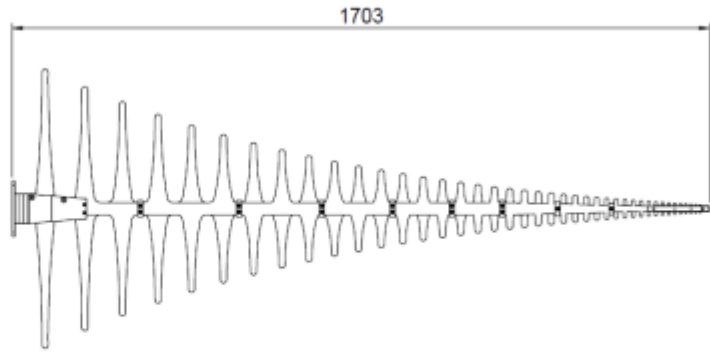
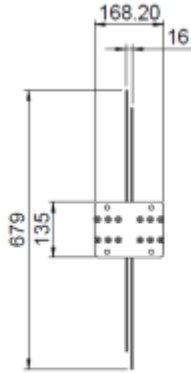


SRFS TELEINFRA

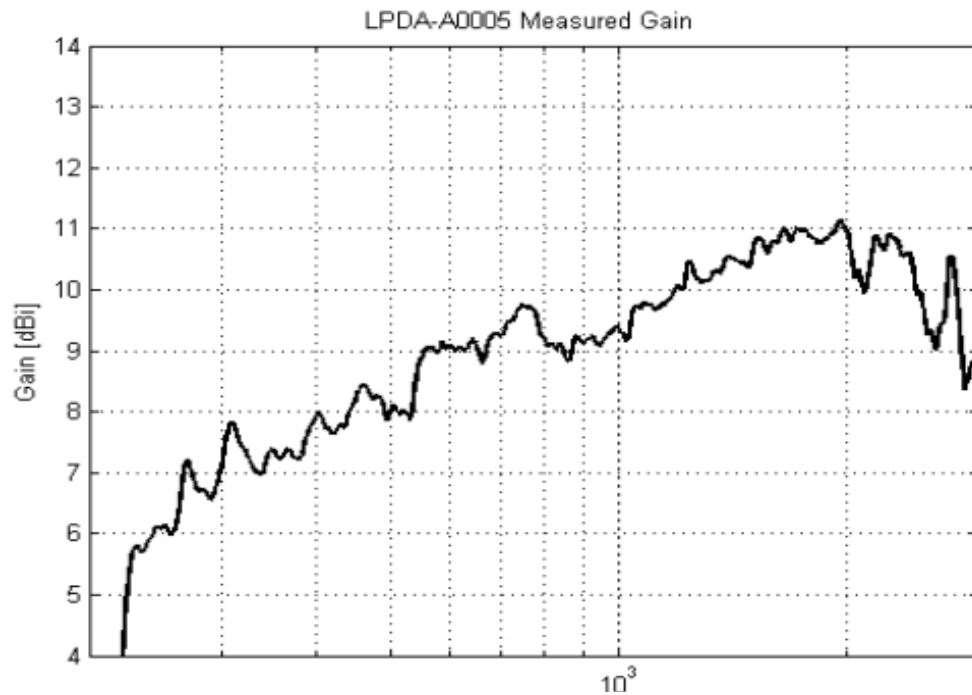


Wideband Directional Antenna Model no.:SRFS- LPDA-A0005

DIMENSIONS:



Measured gain:



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