

Wideband LPDA Antenna Model no.:SRFS- LPDA-A0153

Product Description

The LPDA-A0153 is a directional log-periodic dipole array that covers the 200 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. Polarization is adjustable between vertical and horizontal via a swivel mounting bracket. This antenna can be customized for various frequencies within this frequency band with excellent gain, VSWR and high-power handling.

Product Feature

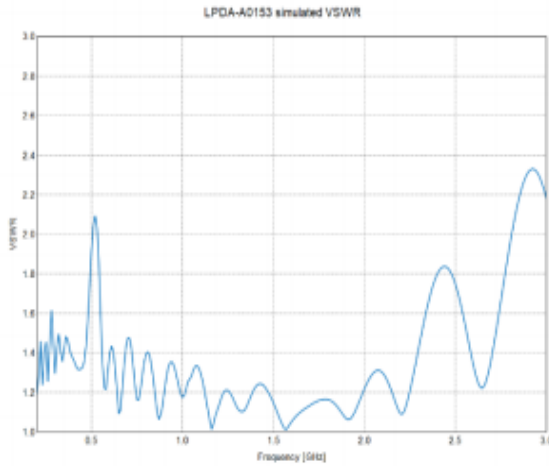
- Low VSWR and high gain
- High feed power handling
- Vertical and horizontal polarization
- Easy to assemble and disassemble
- Rugged construction



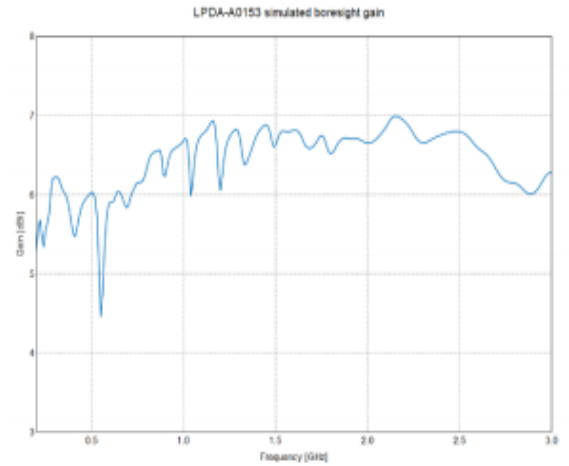
Electrical Specifications	
Frequency range	200 – 3000 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connector	7/16 female
Feed power handling	500 W
Gain on horizon	6 dBi typical
E-plane 3 dB beamwidth	60° typical
H-plane 3 dB beamwidth	110° typical
Polarization	Adjustable (vertical and horizontal)
Mechanical Specifications	
Dimensions (l x w)	1080 mm x 840 mm
Material	Aluminium, stainless steel
Mounting method	Mast mountable bracket with U-bolts
Environmental Specifications	
Temperature (operational)	- 30 °C to +65 °C
Wind survival on mast	160 km/h (calculated)
Water and dust resistance	IP 65

Tactical LPDA Model no.:SRFS- LPDA-A0139

VSWR:

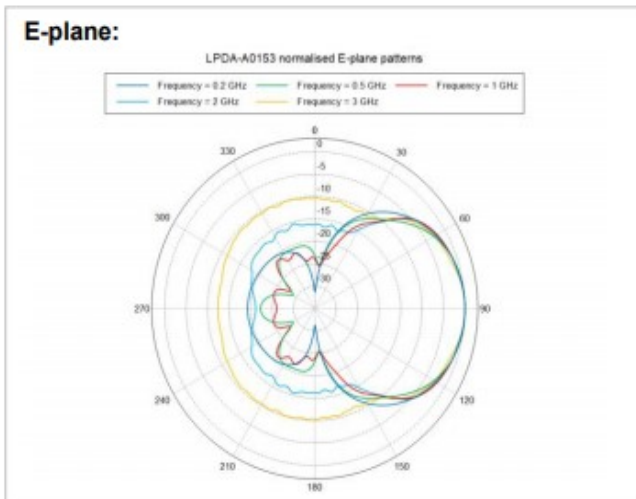


Gain:



PATTERNS:

E-plane:



H-plane:

