

# Wideband Directional Antenna

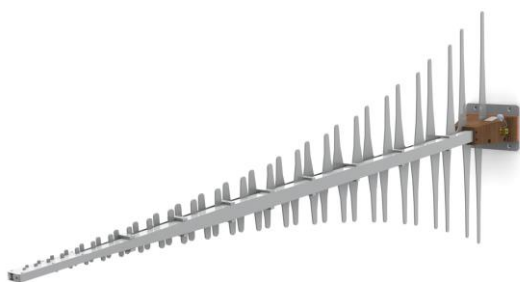
250 – 3000 MHz

Product Code: LPDA-A0005

VERSION: 2.7

## SPECIFICATIONS:

<b>Electrical:</b>	
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
Polarisation	Linear, horizontal and vertical
<b>Mechanical:</b>	
Width	679 mm
Length	1703 mm
Thickness	48.3 mm
Total mass	8 kg
Material	Aluminium, stainless steel, fibreglass
Mounting method	U-bolts supplied for 60 – 100 mm masts
<b>Environmental: designed to meet the following specifications</b>	
Qualification	MIL-STD-810E
Wind survival	160 km/h
Temperature operational	- 31 °C to + 49 °C



## FEATURES:

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

## APPLICATIONS:

- Wideband monitoring

## 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 polarisation via a bracket on a mast.

This antenna can be customised if required, for different frequency ranges.

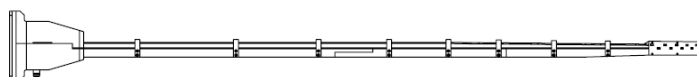
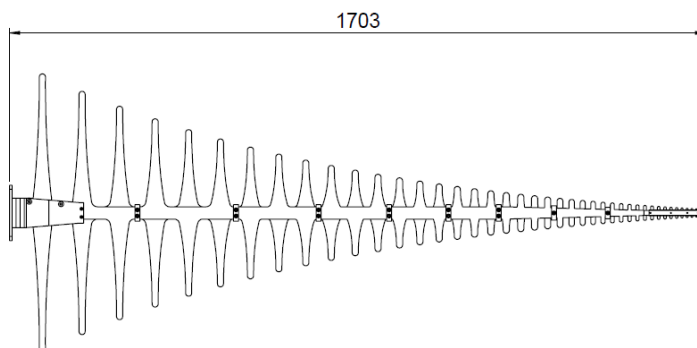
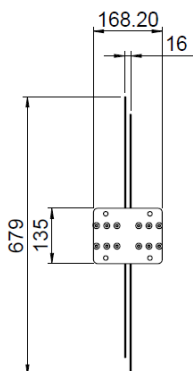
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## DIMENSIONS:



## Measured gain:

