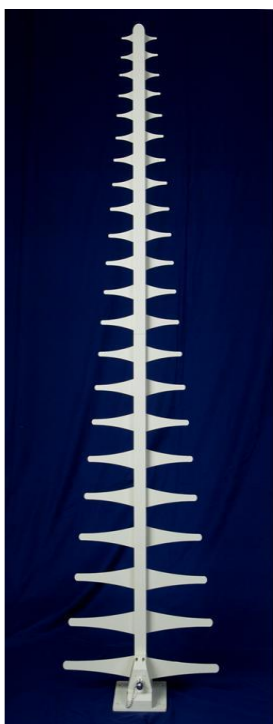


# Wideband Log Periodic Dipole Array

400 – 1000 MHz

Product Code: LPDA-A0073

VERSION: 1.8



## PRODUCT FEATURES:

- High gain
- Low and stable VSWR
- Vertical or horizontal polarisation
- Wide frequency range
- Fixed installation
- Stylish and rugged design
- Balanced feed point

## SPECIFICATIONS:

Frequency range	400 – 1000 MHz
VSWR	< 2.5:1
Feed power handling	500 W
Nominal input impedance	50 $\Omega$
Connector	N-type female
Gain	10 $\pm$ 1 dBi
E-plane 3 dB beamwidth	50°
H-plane 3 dB beamwidth	80°
Polarisation	Linear (vertical or horizontal)
<b>Mechanical:</b>	
Dimensions (l x w)	1500 mm x 400 mm
Weight	5 kg including bracket
Material	Aluminium, stainless steel and plastics
Mounting method	Bracket for 60 – 100 mm poles
<b>Environmental: designed to meet the following specifications</b>	
Wind survival	120 km/h
Temperature operational	- 20 °C to + 55 °C

## PRODUCT DESCRIPTION:

The LPDA-A0073 400 MHz to 1 GHz log periodic dipole array (LPDA) is a general purpose wideband transmitting and receiving antenna. It can be used as a spectrum monitoring antenna. It is also used for EMC emission and susceptibility testing.

Polarisation can be changed from vertical to horizontal upon installation onto the mast.

The antenna is lightweight and constructed from corrosion resistant materials.

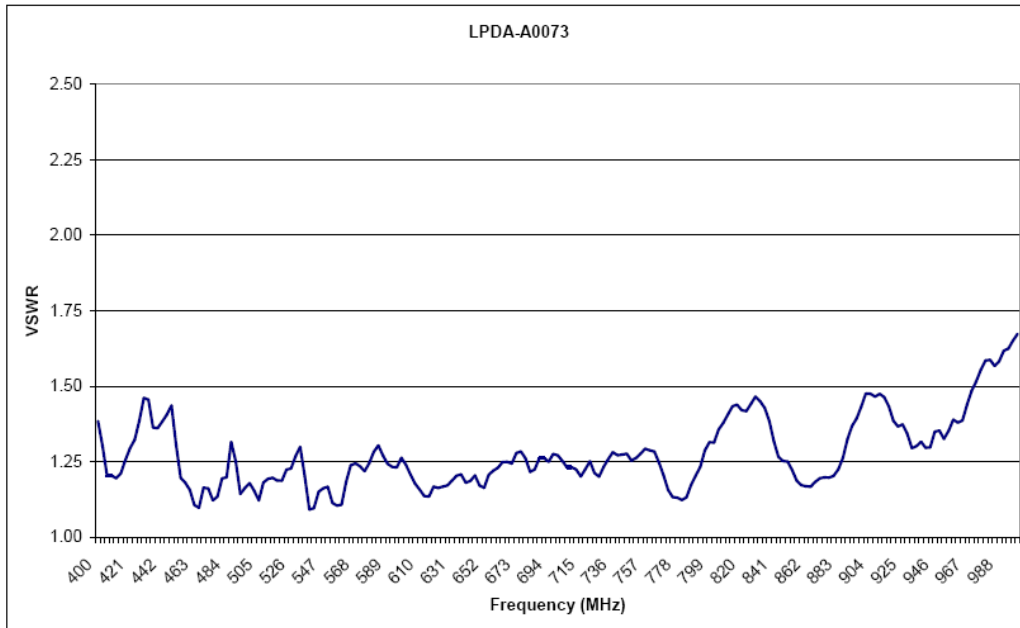
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Measured VSWR:



Measured gain:

