

## VHF Log Periodic Dipole Array

87 – 174 MHz

Product Code: LPDA-A0065

VERSION: 2.2

### SPECIFICATIONS:



<b>Electrical:</b>	
Frequency range	87 – 174 MHz
VSWR	< 2.5:1
Feed power handling	50 W
Nominal input impedance	50 Ω
Connector	N-type female
Gain	6 dBi typical over the band
Polarisation	Linear (vertical or horizontal)
<b>Mechanical:</b>	
Dimensions (l x w)	2000 mm x 2000 mm
Packed dimensions	2000 mm x 150 mm x 150 mm
Weight	12 kg including bracket
Material	Aluminium, stainless steel and fibreglass
Mounting	Onto pole diameter 80 – 120 mm via back bracket.
<b>Environmental :</b>	
Qualification	MIL-STD-810E
Wind Survival	160 km/h
Temperature operational	- 31 °C to + 49 °C

### PRODUCT FEATURES:

- High gain
- Low and stable VSWR
- Vertical or horizontal polarisation
- Easy to assemble
- Elements fit neatly into a carry bag
- Rugged design
- Balanced feed point

### APPLICATIONS:

- Monitoring
- VHF radio communications

### PRODUCT DESCRIPTION:

This is an 87 to 174 MHz VHF log periodic dipole array (LPDA), for use as a general-purpose transmitting or receiving antenna. It can be used as a spectrum monitoring antenna.

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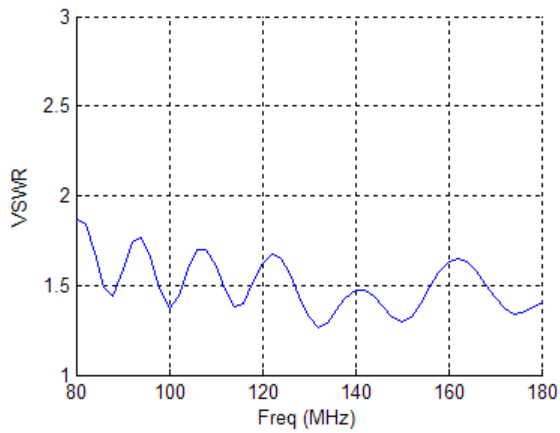
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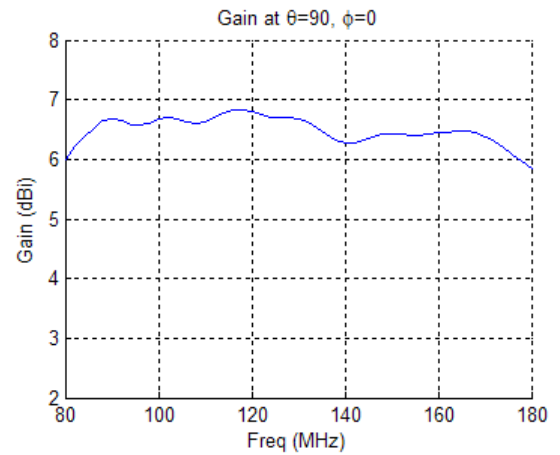
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## VSWR AND GAIN GRAPHS:

### VSWR



### Gain



## Radiation Patterns:

