

# Wideband Log Periodic Dipole Array

30 – 400 MHz

Product Code: LPDA-A0017

VERSION: 2.5

## SPECIFICATIONS:



<b>Electrical:</b>	
Frequency range	30 – 400 MHz
VSWR	Less than 2.0:1, typically 1.5:1
Feed power handling	2 kW
Nominal input impedance	50 Ω
Gain	8.5 dBi
E-plane 3 dB beamwidth	60°
H-plane 3 dB beamwidth	80°
Polarisation	Linear, vertical or horizontal
Connector	7/16 female connector
<b>Mechanical:</b>	
Dimensions (l x w)	6392 mm x 2590 mm
Weight	57 kg
Material	Aluminium
Mounting method	Vehicle or pole-mounted
<b>Environmental: designed to meet the following specification</b>	
Wind survival	150 km/h when guyed

## PRODUCT FEATURES:

- High gain
- Low and stable VSWR
- Waterproof
- Robust
- Vehicle-mountable

## PRODUCT DESCRIPTION:

The LPDA-A0017 antenna is a high-powered dual LPDA V-Array and operates over the 30 to 400 MHz frequency band. It is used in EW for signal jamming and interference. This antenna is compact and weighs a mere 57 kg, it can be easily deployed by two people in 15 minutes.

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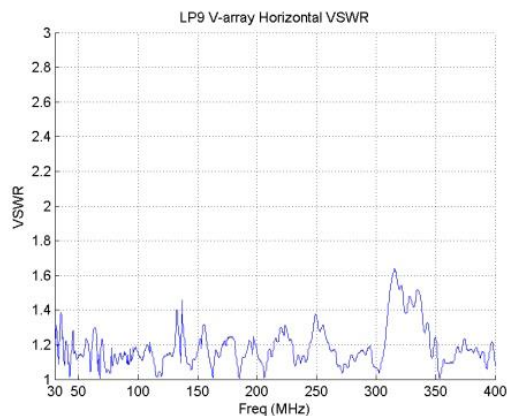
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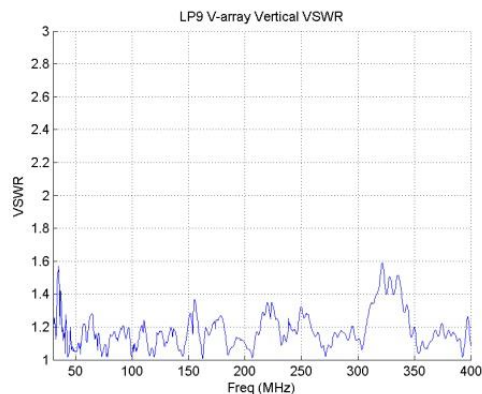
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## VSWR AND GAIN GRAPHS:

### VSWR horizontal:



### VSWR vertical:



### Gain:

