Wideband Log Periodic Dipole Array

30 - 400 MHz

Product Code: LPDA-A0017

PRODUCT STATUS: COTS
VERSION: 1.0

SPECIFICATIONS:

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

PRODUCT FEATURES:

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

PRODUCT DESCRIPTION:

This antenna is a High Powered Dual LPDA V-Array and operates over the 30 – 400 MHz frequency band. It is used in Electronic Warfare 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.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

DEFENCE AND SPECIALISED

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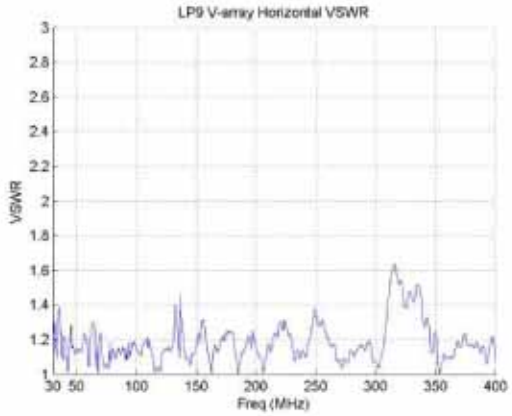
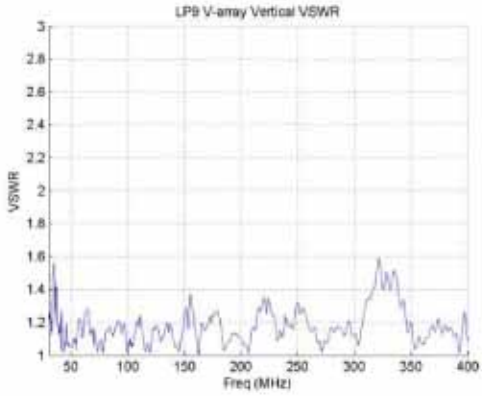
VSWR AND GAIN GRAPHS:

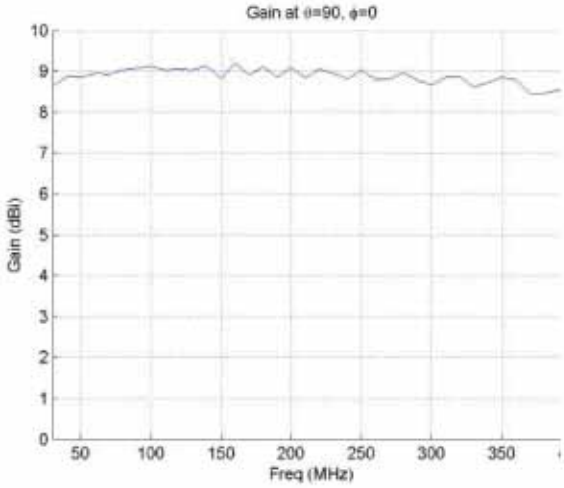
VSWR Horizontal



VSWR Vertical



Gain



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