

# High-Power LPDA

1 – 3 GHz

VERSION: 2.4

Product Code: LPDA-A0063

## SPECIFICATIONS:



<b>Electrical:</b>	
Input frequency range	1 – 3 GHz
VSWR	< 2.5:1, 1.5:1 typical
Feed power handling	100 W
Nominal input impedance	50 Ω
Connector	N-type female
Gain	12 dBi
E-plane 3 dB beamwidth	20°
H-plane 3 dB beamwidth	50°
Polarisation	Vertical and horizontal Adjustable
<b>Mechanical:</b>	
Dimensions (l x w x h)	0.65 m x 0.45 m x 0.15 m
Weight	10 kg
Material	Aluminium and fibreglass
<b>Environmental: designed to meet the following specification</b>	
Wind survival	160 km/h

## ELECTRICAL FEATURES:

- High-power handling
- High efficiency
- High gain

## MECHANICAL FEATURES:

- Waterproof
- Compact
- Vehicle-mounted

## PRODUCT DESCRIPTION:

The LPDA-A0063 high-power log periodic dipole array (LPDA) is used for high-power applications. This antenna operates over the 1 to 3 GHz band with a VSWR of less than 2.5:1 over 95% of the band. The input power is 100 W.

Old part number: PA-LPAR-1G3G

# High-Power Dual LPDA

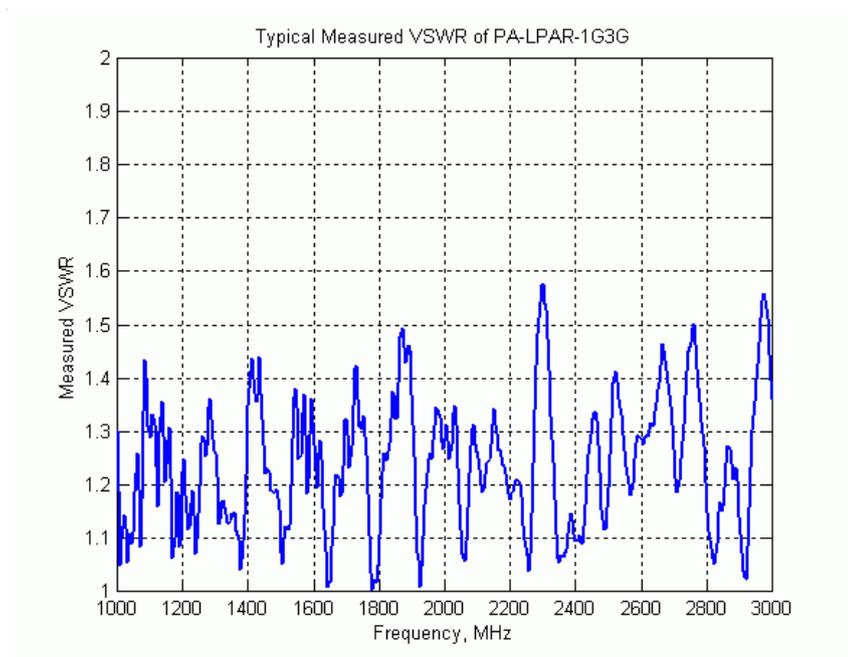
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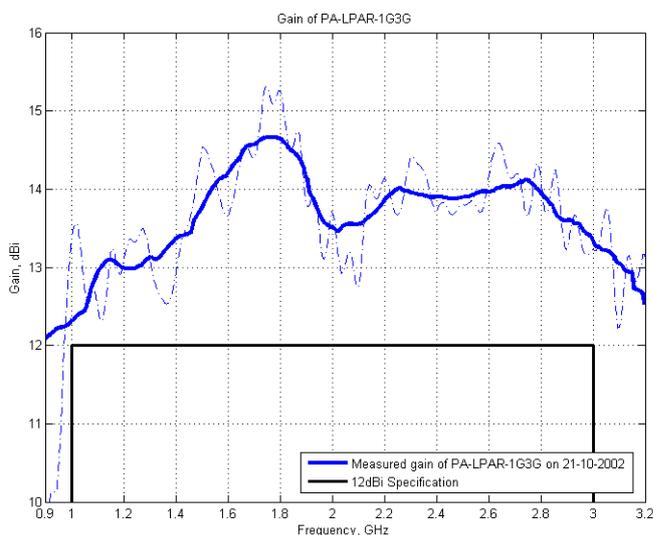
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## VSZR AND GAIN GRAPHS:

### VSZR:



### Gain:



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DISTRIBUTION BY:**

Cyntony Corporation  
195 Follen Road  
Lexington, Massachusetts  
sales@cyntony.com  
781-430-0675

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