

High-Power Omni-Directional Antenna

2 – 6 GHz

Product Code: DIPL-A0059

VERSION: 2.3

SPECIFICATIONS:

Electrical:	
Frequency range	2 – 6 GHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Feed power handling	50 W
Gain (free space)	1 dBi
Polarisation	Vertical
Connectors	N-Type male
Mechanical:	
Dimensions (length x diameter)	400 mm x 40 mm
Material	Aluminium, stainless steel, fibreglass
Total mass	400 g
Environmental:	
Wind survival	160 km/h
Temperature range	- 30 °C to + 65 °C
Water and dust resistance	MIL-STD-820F (506.4)
Corrosion	Appropriate anti-corrosion measures are taken in the design of antenna for harsh environmental conditions.



PRODUCT DESCRIPTION:

This omni-directional dipole antenna is primarily designed for high-power jamming applications. It covers a frequency band of 2 to 6 GHz with an average gain of 1 dBi.

PRODUCT FEATURES:

- Wideband frequency 2 to 6 GHz
- VSWR < 2.5:1
- Omni-directional
- 50 W power handling
- Rugged construction

PRODUCT APPLICATIONS:

- Wideband jamming
- Covers the 3.5 and 5.8 GHz Wi-Fi frequency bands



sales@poynting.co.za
www.poynting.co.za

Poynting Antennas has a policy of continuous improvement and hence specifications may change without notice

DEFENCE AND SPECIALISED

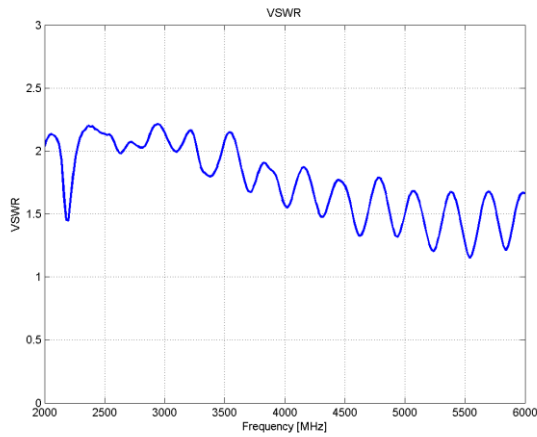
High-Power Omni-Directional Antenna

2 – 6 GHz

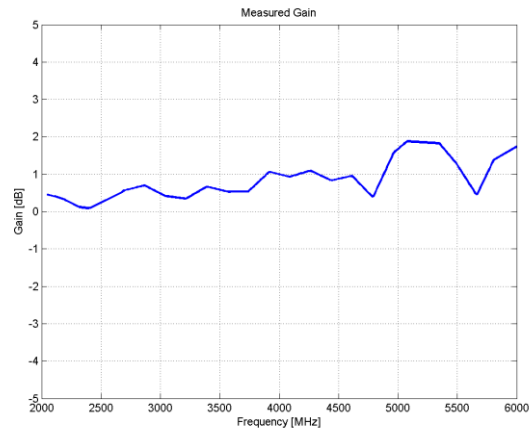
Product Code: DIPL-A0059

VERSION: 2.3

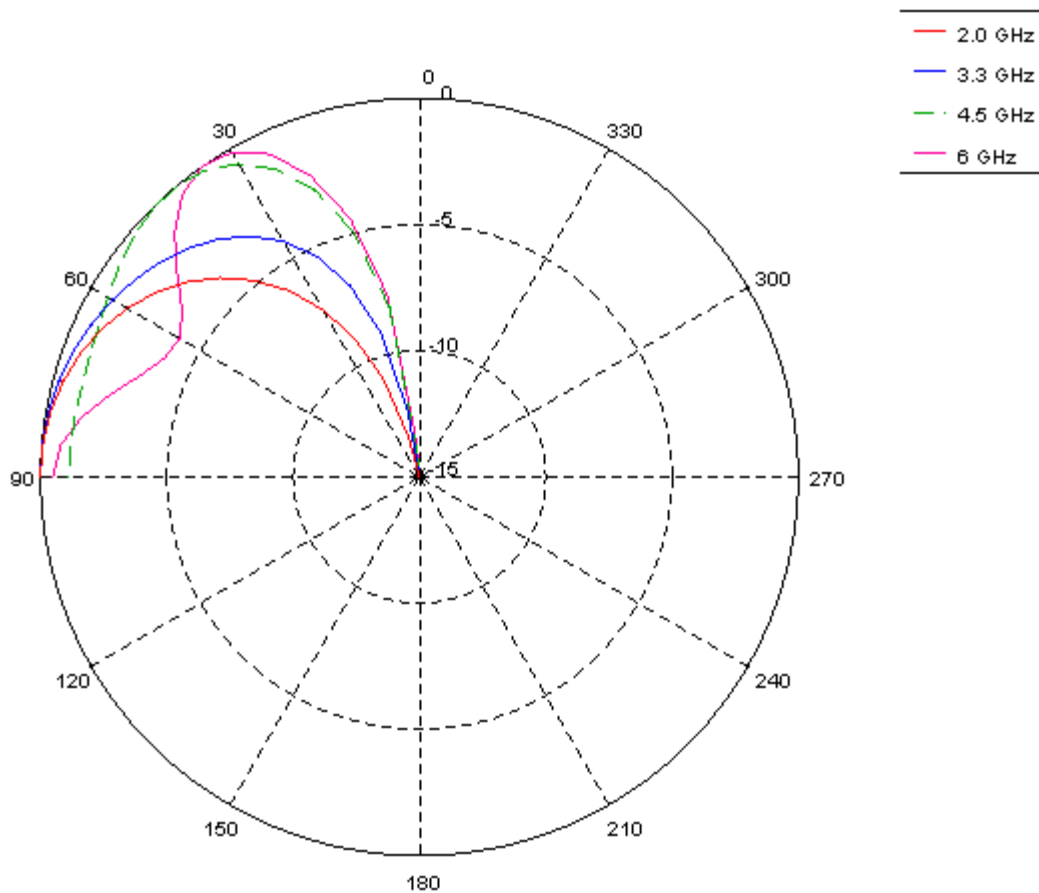
VSWR



Gain



Normalised radiation pattern



sales@poynting.co.za
www.poynting.co.za

Poynting Antennas has a policy of continuous improvement and hence specifications may change without notice

**DEFENCE AND
SPECIALISED**