

# High-Power Omni-Directional Antenna

2 – 9 GHz

Product Code: OMNI-A0189

VERSION: 1.1

## SPECIFICATIONS:



<b>Electrical:</b>	
Frequency range	2 – 9 GHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Feed power handling	20 W
Gain (free space)	1 dBi
Polarisation	Vertical
Connectors	N-type female
<b>Mechanical:</b>	
Dimensions (length x diameter)	400 mm x 40 mm
Material	Aluminium, stainless steel, fibreglass
Total mass	500 g
<b>Environmental:</b>	
Wind survival	160 km/h
Temperature range	- 30 °C to + 65 °C
Water and dust resistance	MIL-STD-810F (506.4)
Corrosion	Appropriate anti-corrosion measures are taken in the design of antenna for harsh environmental conditions.

## PRODUCT FEATURES:

- Wideband frequency 2 to 9 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

## PRODUCT DESCRIPTION:

This omni-directional dipole antenna is primarily designed for high-power jamming applications. It covers a frequency band of 2 to 9 GHz with an average gain of 1 dBi.

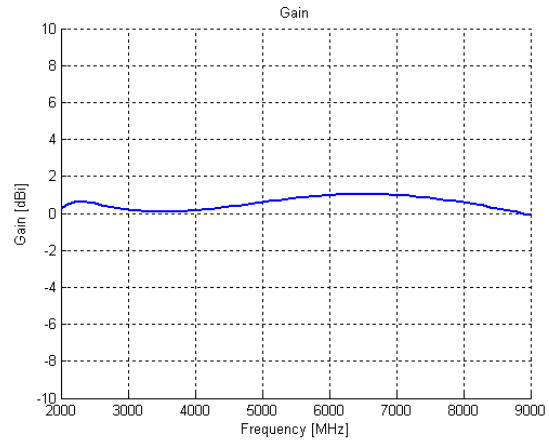
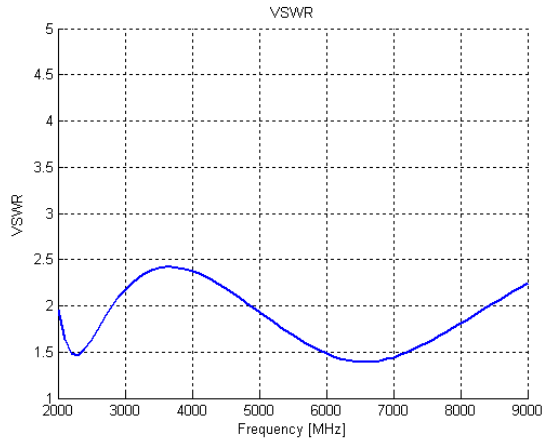
# High-Power Omni-Directional Antenna

2 – 9 GHz

Product Code: OMNI-A0189

VERSION: 1.1

## VSWR AND GAIN GRAPHS:



## Simulated elevation:

