

## High-Power Jamming Antenna

500 – 6000 MHz

Product Code: OMNI-A0186

VERSION: 1.2

### SPECIFICATIONS:



<b>Electrical:</b>	
Frequency (band A)	500 – 3000 MHz
Frequency (band B)	850 – 6000 MHz
VSWR (band A)	< 2.5:1
VSWR (band B)	< 3:1
Nominal input impedance	50 Ω
Connector	2 x N-type female
Power: band A	100 W
band B	50 W
Polarisation	Vertical
Pattern	Omni-directional
Gain	-0.5 dBi typical
Ground plane requirements	Ground plane independent
<b>Mechanical:</b>	
Base (diameter x height)	220 mm x 400 mm
Radiator diameter	100 mm
Weight	< 3.5 kg
<b>Environmental:</b>	
Wind survival	180 km/h
Temperature range	- 20 °C to +70 °C
Water ingress rating	IP 65

### PRODUCT FEATURES:

- 500 to 6000 MHz frequency range
- Rugged
- Suited for vehicle and mast mount applications

### APPLICATION:

- Jamming
- Monitoring

### PRODUCT DESCRIPTION:

The OMNI-A0186 is a high-powered jamming antenna designed to be mounted on vehicles as well as masts. The antenna covers a frequency range of 500 to 6000 MHz using 2 overlapping bands. The wideband design makes it suitable for spectrum monitoring.

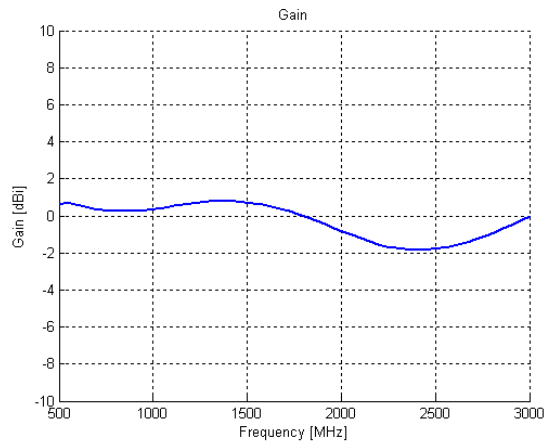
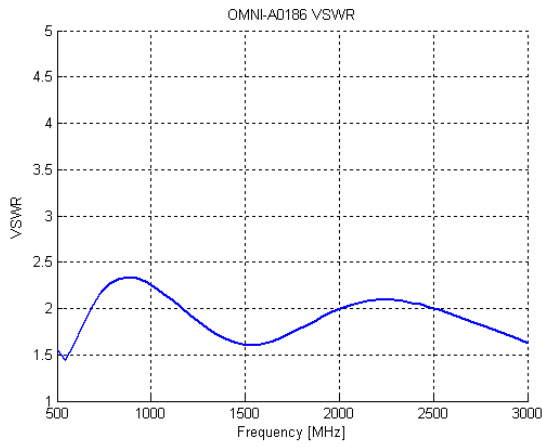
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## VSWR AND GAIN, BAND A (500 – 3000 MHz)



## VSWR AND GAIN, BAND B (850 – 6000 MHz)

