



SPECIFICATIONS:

Electrical:	
Frequency range	20 – 500 MHz
VSWR	< 3:1
Nominal input impedance	50 Ω
Connector	N-Type female
Feed power handling	100 W
Gain (typical, see graph)	> -5 dBi
Polarisation	Vertical
Azimuth ripple	± 0.5 dB
Mechanical:	
Base diameter	130 mm
Whip length	2800 mm
Whip diameter (maximum)	80 mm
Total mass	5 kg
Mounting method	NATO flange
Ground plane requirement	3 m x 3 m
Environmental:	
Wind survival	160 km/h
Temperature (operational)	-31 $^{\circ}$ C to +51 $^{\circ}$ C
Temperature (storage)	-31 $^{\circ}$ C to +71 $^{\circ}$ C
Vibration	MIL-STD-810F
Shock	20 G for 10 ms; X,Y,Z axes
Water and dust resistance	IP 65

PRODUCT FEATURES:

- Ultra-wide bandwidth
- Well controlled pattern
- High-power handling

APPLICATIONS:

- RCIED suppression
- Spectrum denial (jamming)
- VHF/UHF communications

PRODUCT DESCRIPTION:

The OMNI-A0188 is designed for vehicular jamming applications operating in the 20 to 500 MHz frequency band using a single connector.

The fibre glass radome is equipped with spring mounting to allow whip-action and resistance to impacts and obstructions. The antenna's electrical design allows it to function even when bent out of shape.

Wideband VHF/UHF Jamming Antenna

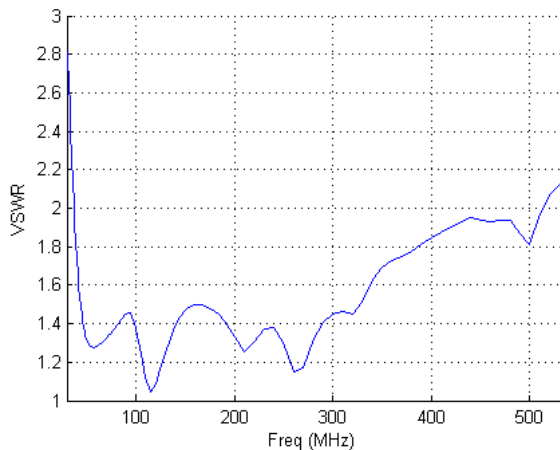
20 – 500 MHz

Product Code: OMNI-A0188

VERSION: 1.1

VSWR AND GAIN GRAPHS:

VSWR



Gain (excluding ground reflections)

