

# High-Powered Wideband Antenna

300 – 3000 MHz

Product Code: OMNI-A0281

VERSION: 1.4

## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency	300 – 3000 MHz
VSWR	< 2.6:1
Nominal input impedance	50 Ω
Connector	7/16 female
Power:	500 W
Polarisation	Vertical
Pattern	Omni-directional
Gain	See gain graph
Groundplane requirements	Groundplane independent
<b>Mechanical:</b>	
Base (d x h)	220 mm x 400 mm
Weight	< 3 kg
<b>Environmental: designed to meet the following specifications</b>	
Wind survival	180 km/h
Temperature range	- 40 °C to +55 °C (operating)
Water ingress rating	IP65



## PRODUCT DESCRIPTION:

The OMNI-A0281 is a high-powered wideband antenna designed for mounting on vehicles as well as masts. The wideband design makes it suitable for spectrum monitoring.

## PRODUCT FEATURES:

- 300 to 3000 MHz frequency range
- Rugged
- Suited for vehicle and mast-mount applications

## APPLICATIONS:

- High-power transmission
- UHF monitoring

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## VSWR AND GAIN GRAPHS:

