

High-Powered Wideband Antenna

300 – 3000 MHz

Product Code: OMNI-A0173

SPECIFICATIONS:

Electrical:	
Frequency	300 – 3000 MHz
VSWR	< 2.6:1
Nominal input impedance	50 Ω
Connector	N-type female
Power: 400 MHz	400 W
1000 MHz	350 W
3000 MHz	250 W
Polarisation	Vertical
Pattern	Omnidirectional
Gain	-0.5 dBi typical
Groundplane requirements	Groundplane independent
Mechanical:	
Base (d x h)	220 mm x 400 mm
Weight	< 3.5 kg
Environmental: designed to meet the following specifications	
Wind survival	180 km/h
Temperature range	- 20 °C to +70 °C
Water ingress rating	IP65



PRODUCT DESCRIPTION:

The OMNI-A0173 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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VERSION: 1.6

VSWR AND GAIN GRAPHS:

