

# High-Powered Wideband Antenna

300 – 3000 MHz

Product Code: OMNI-A0173

VERSION: 1.7



## SPECIFICATIONS:

| <b>Electrical:</b>  |                         |
|---|-------------------------|
| 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   | Omni-directional        |
| Gain  | -0.5 dBi typical        |
| Groundplane requirements  | Groundplane independent |
| <b>Mechanical:</b>  |                         |
| Base (d x h)  | 220 mm x 400 mm         |
| Weight  | < 3.5 kg                |
| <b>Environmental: designed to meet the following specifications</b> |                         |
| 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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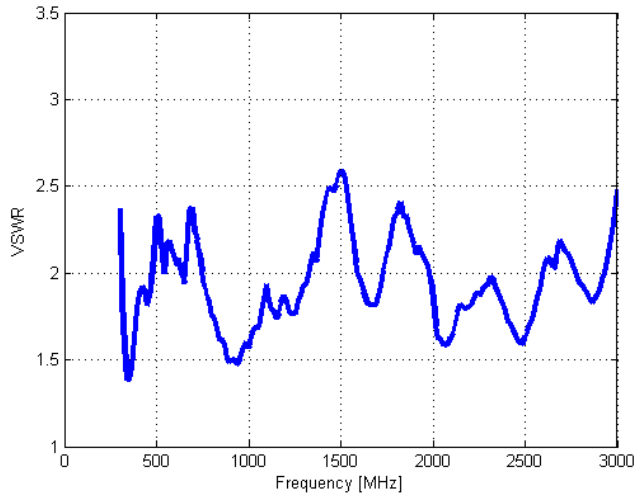
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## VSWR AND GAIN GRAPHS:

### VSWR:



### GAIN:

