

High-Power Omni-Directional Antenna

2 – 6 GHz

Product Code: OMNI-A0116

VERSION: 1.3



SPECIFICATIONS:

| Electrical: | |
|--|--|
| Frequency range | 2 – 6 GHz |
| VSWR | < 2.5:1 |
| Nominal input impedance | 50 Ω |
| Feed power handling | 50 W |
| Gain (free space) | 1 dBi |
| Polarisation | Vertical |
| Connector | N-type female |
| Mechanical: | |
| Dimensions (length x antenna diameter) | 400 mm x 40 mm |
| Base diameter | 135 mm |
| Material | Aluminium, stainless steel, Fibreglass |
| Total mass | 700 g |
| Mounting | 4-hole and 6-hole NATO |
| Environmental: | |
| Wind survival | 160 km/h |
| Temperature range | - 30 °C to + 65 °C (no icing) |
| Water and dust resistance | MIL-STD-820F (506.4) |
| Corrosion | Appropriate anti-corrosion measures are taken in the design of antenna for harsh environmental conditions. |

PRODUCT DESCRIPTION:

This omni-directional dipole antenna is primarily designed for high-power jamming applications. It covers a frequency band of 2 to 6 GHz with an average gain of 1 dBi.

RELATED PRODUCTS:

Poynting also manufactures a manpack version of this antenna, the DIPL-A0059, for mounting directly on an N-type connector.

PRODUCT FEATURES:

- Wideband frequency 2 to 6 GHz
- VSWR < 2.5:1
- Omni-directional
- 50 W power handling
- Rugged construction

PRODUCT APPLICATIONS:

- Wideband jamming
- Covers the 3.5 and 5.8 GHz Wi-Fi frequency bands

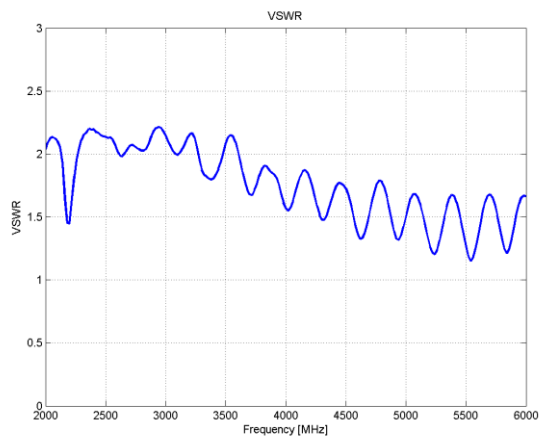
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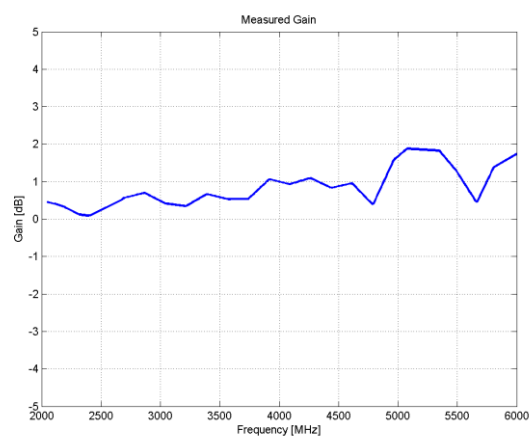
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VSWR



Gain



Normalised radiation pattern

