



DATA SHEET

OMNI 2.4GHz-N

MULTI-POLARIZED PERMANENT MOUNT ANTENNA

MODEL NO:

08-ANT-0923

Features

- Multi-Polarized
- Obstruction Penetrating TX/RX
- Enhanced Connectivity & Throughput
- Built In Spatial Diversity
- Low Profile
- RoHS Compliant

Applications

- 2.4 GHz Band Applications
- 802.11b,g,n Wireless Systems
- Wireless Broadband Systems
- Wireless Mesh Systems
- WIMAX
- Vehicle WiFi
- High Obstruction Deployments



Product Overview

The Omni 2.4GHz-N is a low profile Multi-Polarized antenna designed for mobile data communications. The exceptional effective hemispherical, Multi-Polarized signal pattern provides unequalled wireless communication in "Real World" obstructed, non-line-of-sight (NLOS) environments. The Omni 2.4GHz-N utilizes signals in all polarizations allowing users to transmit and receive all available signals in real world obstructed environments where other antennas fail to connect.

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Physical Specifications

- Diameter: 2.5 in
- Radome Height: 1.75 in
- Weight: 2.6 oz
- Connector: N-Female
- Construction: RoHS Compliant
- Warranty: One year limited
- Ground Plane: Required

Typical Performance

- Frequency Range: 2-3GHz
- Gain: 6dBi*
- VSWR: 1:1-1.2:1
- Polarization: Multi-Polarized
- Power: 50 Watts Input
- Input: 50 ohms nominal

* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.

rethink the antenna™

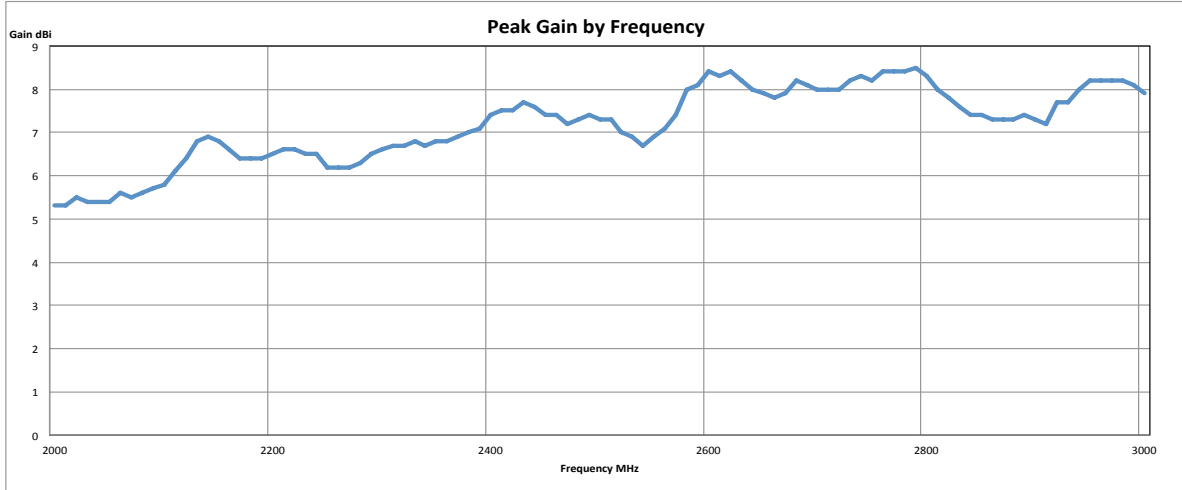
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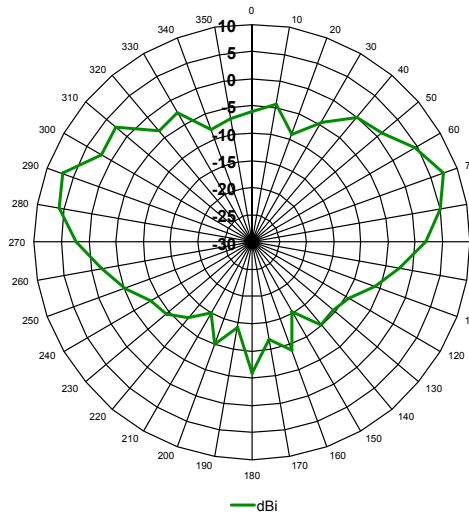
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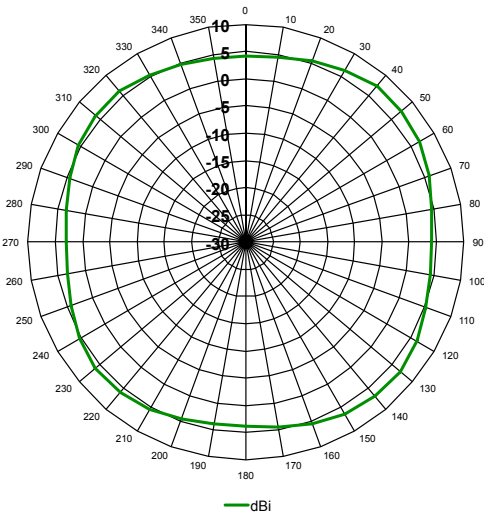
MULTI-POLARIZED PERMANENT MOUNT ANTENNA



2.4GHz Elevation Radiation Pattern



2.4GHz Azimuth Radiation Pattern



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