



DATA SHEET

HG OMNI-4.9GHZ 8dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED ANTENNA

MODEL NO:

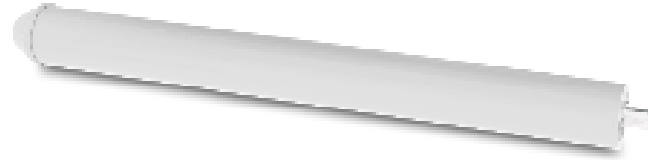
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Features

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

Applications

- 4.9GHz Band Applications
- Point to Multipoint Systems
- Wireless Broadband Systems
- Access Point, Router, Bridge, CPE
- Building Penetration and High Obstruction Deployments



Product Overview

The High Gain Omni-4.9GHz 8dBi antenna radiates maximum power in all directions and provides superior patterning and continuous performance (4.9GHz-4.99GHz) for base station data communications. With built-in spatial diversity and patented 3-D Design, the High Gain Omni-4.9GHz 8dBi antenna captures signals in any polarization allowing users to transmit and receive behind buildings, hills and in valleys where other antennas cannot maintain connectivity.

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Physical Specifications

- Diameter: 2 in
- Height: 18 in
- Weight: 6 oz
- Connector: N-Female
(Other connectors available)
- Construction: UV Stabilized Polymers
- Warranty: One year limited

**Mounting Hardware not included.

Typical Performance

- Frequency Range: 4.9-4.99GHz
- Gain: 8dBi*
- VSWR: 1:1-1.5:1
- 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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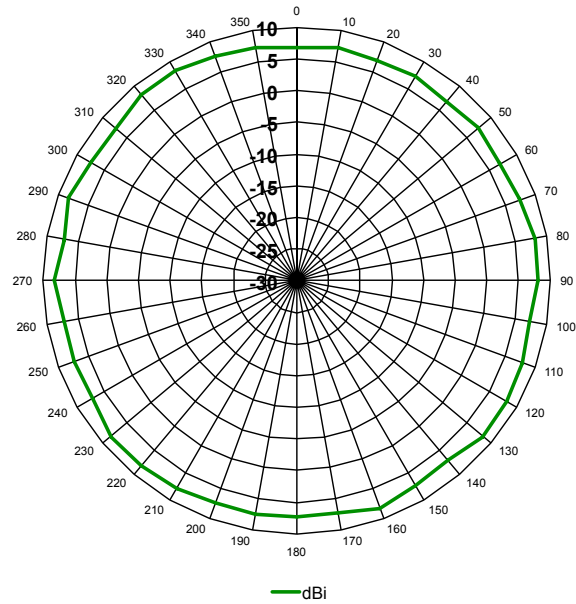


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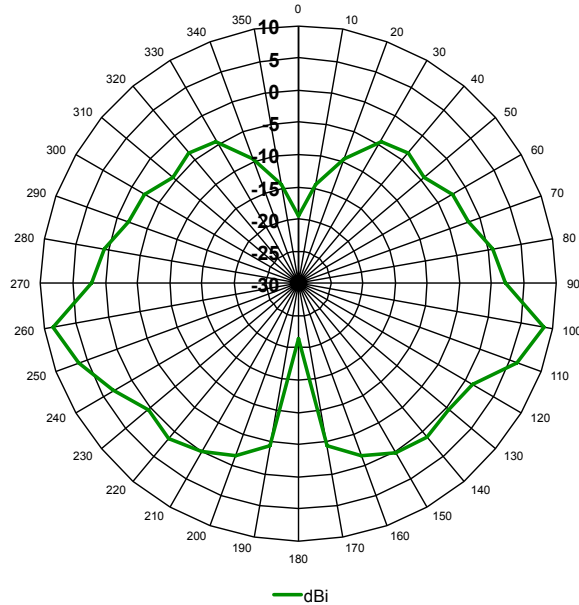
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HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED ANTENNA

4.9GHz Azimuth Radiation Pattern



4.9GHz Elevation Radiation Pattern



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