



DATA SHEET

# HG OMNI-2.4GHZ 8dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED ANTENNA

MODEL NO:

**08-ANT-0886**

## Features

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

## Applications

- 2.4 GHz ISM Band Applications
- 802.11b,g,n Wireless Systems
- Wireless Broadband Systems
- WiFi Access Point, Router, Bridge, CPE
- Building Penetration and High Obstruction Deployments



## Product Overview

The High Gain Omni-2.4GHz 8dBi antenna radiates maximum power in all directions and provides superior patterning and continuous performance (2.4GHz-2.5GHz) for base station data communications. With built-in spatial diversity and patented 3-D Design, the High Gain Omni-2.4GHz 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. Ideal for WiFi deployments.

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## Physical Specifications

- Diameter: 2 in
- Height: 29 in
- Weight: 13 oz
- Connector: N-Female  
**(Other connectors available w/ Pigtails)**
- Construction: UV Stabilized Polymers
- Warranty: One year limited

\*\*Mounting Hardware not included.

## Typical Performance

- Frequency Range: 2.4-2.5GHz
- Gain: 8dBi\*
- VSWR: 1.02:1-1.3:1
- 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.

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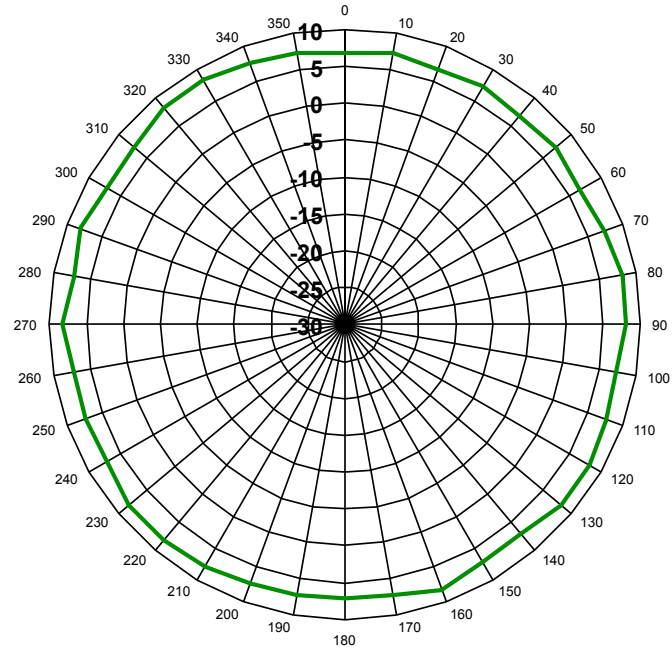


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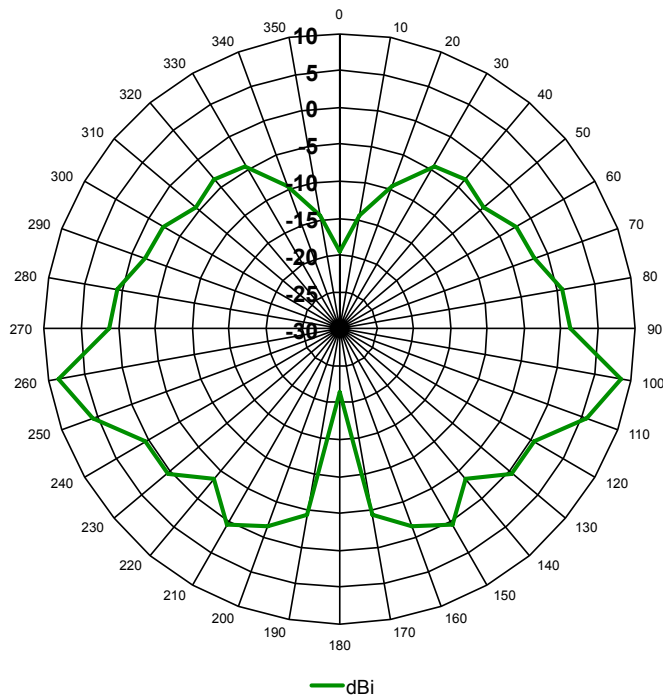
# HG OMNI-2.4GHZ 8dBi

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2.4GHz Azimuth Radiation Pattern



2.4GHz Elevation Radiation Pattern



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