



DATA SHEET

HG OMNI-2.4GHZ 10dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

08-ANT-0883

Features

- Multi-Polarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built In Spatial Diversity
- Low Wind Load
- Weatherproof construction
- RoHS Compliant

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

MP Antenna, LTD.

147 Eady Court

Elyria, Ohio 44035

440 387 5968 *phone*

877 678 3245 *fax*

sales@mpantenna.com

www.mpantenna.com



Product Overview

The High Gain Omni-2.4GHz 10dBi 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 10dBi 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.

Physical Specifications

- Diameter: 2 in
- Height: 62 in
- Weight: 1.5 lbs
- Connector: N-Female
(Other connectors available)
- Construction: UV Stabilized Polymers

Typical Performance

- Frequency Range: 2.4-2.5GHz
- Gain: 10dBi*
- 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.

rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.

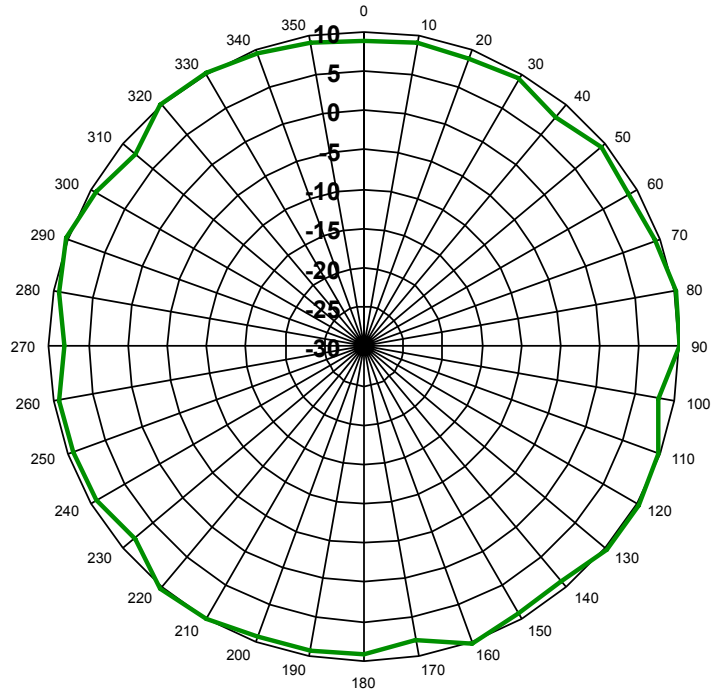


DATA SHEET

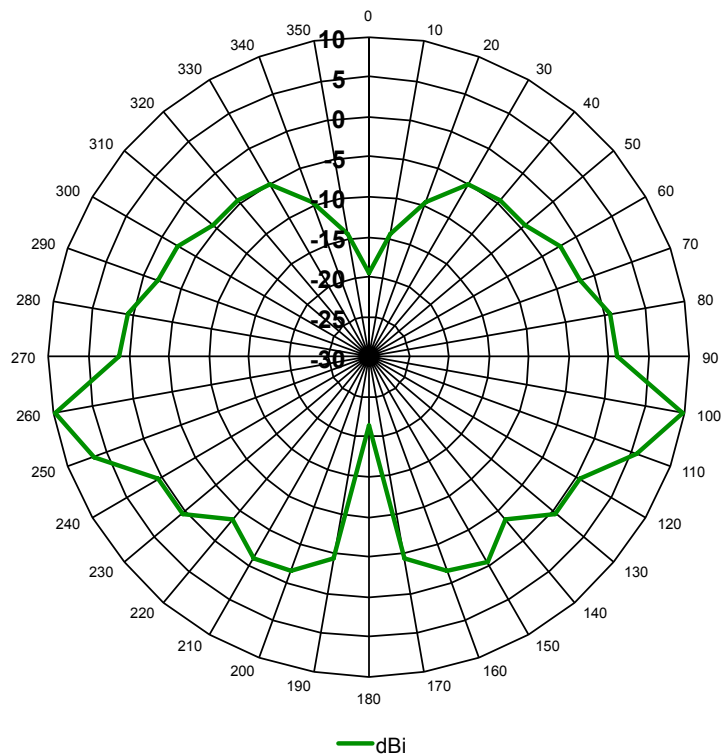
HG OMNI-2.4GHZ 10dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED WIFI ANTENNA

2.4GHz Azimuth Radiation Pattern



2.4GHz Elevation Radiation Pattern



rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.