



DATA SHEET

# HG OMNI-2.4GHZ 10dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

**08-ANT-0883**

MP Antenna, LTD.  
7887 Bliss Parkway  
North Ridgeville, Ohio 44039

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## 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.

## 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



rethink the antenna™

MP Antenna products and technology are protected under United States Patent No. 6,496,152. Other patents pending. Please contact MP Antenna for information about using or licensing MP Antenna products or technology.



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MODEL NO:

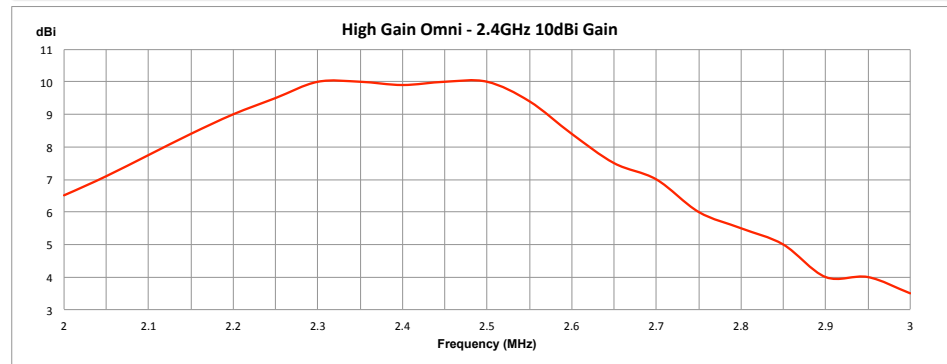
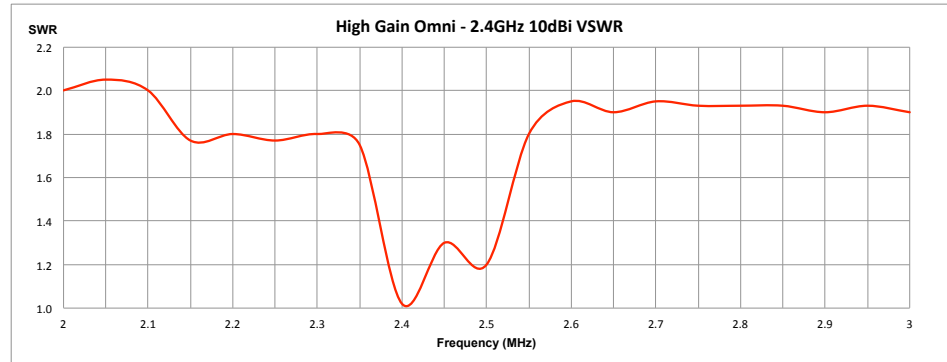
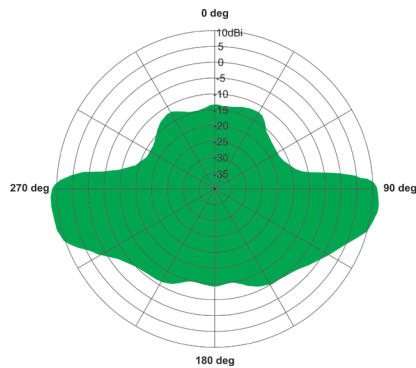
**08-ANT-0883**

PART NUMBERS AND  
AVAILABLE CONNECTORS:

**08-ANT-0883**

HG OMNI-2.4GHZ 10DBI W/ N-FEMALE

Elevation Coordinate Pattern:



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## Physical Specifications

- Diameter: 2 in
- Height: 62 in
- Weight: 1.5 lbs
- Construction: UV Stabilized Polymers
- Warranty: One year limited

## 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.

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