



DATA SHEET

HG OMNI-2.4GHZ 8dBi

HIGH GAIN OMNI DIRECTIONAL MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

08-ANT-0886

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

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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.

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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PART NUMBERS AND
AVAILABLE CONNECTORS:

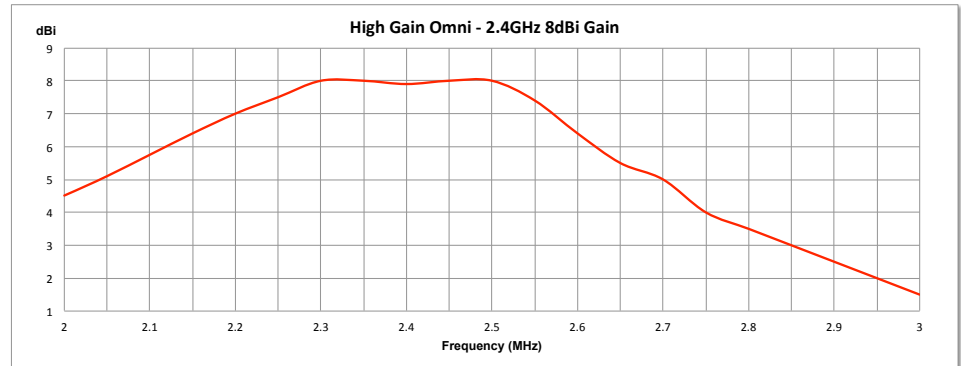
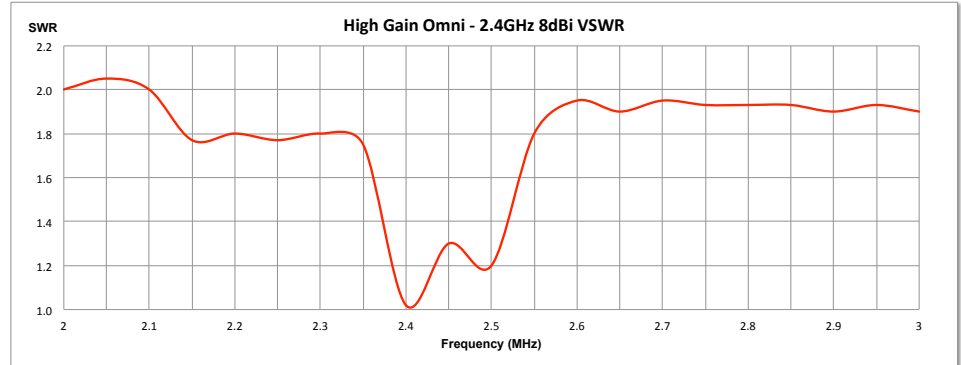
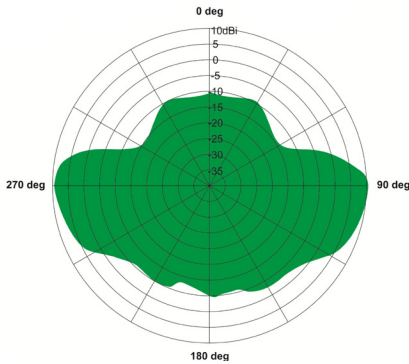
08-ANT-0886

HG OMNI-2.4GHZ W/ N-FEMALE

08-ANT-0888

HG OMNI-2.4GHZ W/ 18" LMR195 PIGTAIL,
RP-SMA MALE

Elevation Coordinate Pattern:



Physical Specifications

- Diameter: 2 in
- Height: 29 in
- Weight: 13 oz
- Construction: UV Stabilized Polymers
- Warranty: One year limited

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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