



DATA SHEET

OMNI-2.4GHZ

OMNI DIRECTIONAL MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

08-ANT-0866

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

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Product Overview

The Omni-2.4GHz is a low profile Multi-Polarized antenna that can be easily mounted to drop ceiling tiles or solid surfaces without heavy brackets. Weighing less than 2 oz. the Omni-2.4GHz is ideal for deployments in hospitals, hotels, schools, and other commercial installations where omni-directional coverage is required. The exceptional effective hemispherical, Multi-Polarized signal pattern provides unequalled wireless communication in “Real World” obstructed, non-line-of-sight (NLOS) environments. For ultimate performance use MP Antenna technology to further improve connectivity, throughput and network performance on all wireless devices.

Features

- Multi-Polarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built In Spatial Diversity
- Low Profile
- RoHS Compliant
- Available with Peel and Stick, Flange, and Dual Stud Mount Options

Applications

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



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PART NUMBERS AND
AVAILABLE CONNECTORS:

08-ANT-0866-FACE

OMNI-2.4GHZ W/ ADHESIVE MOUNT

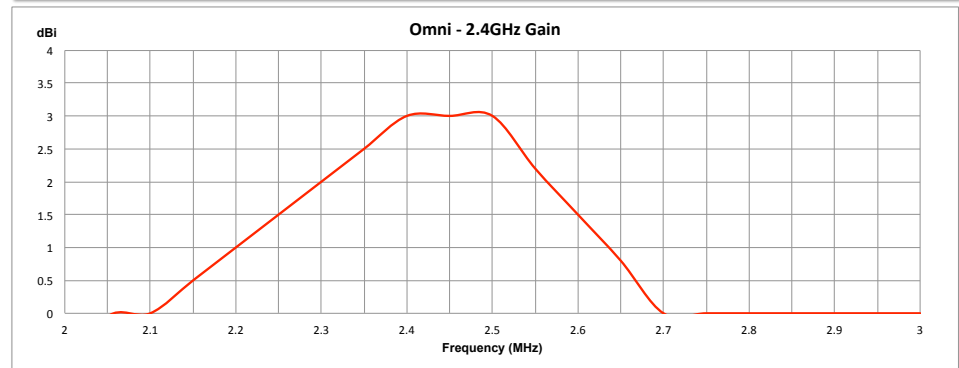
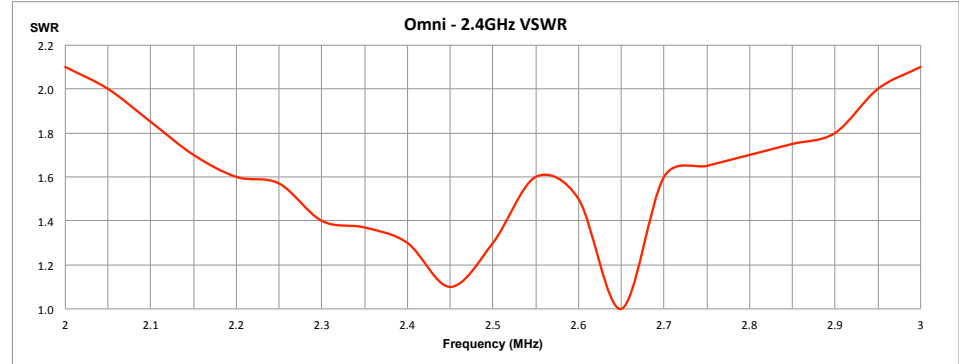
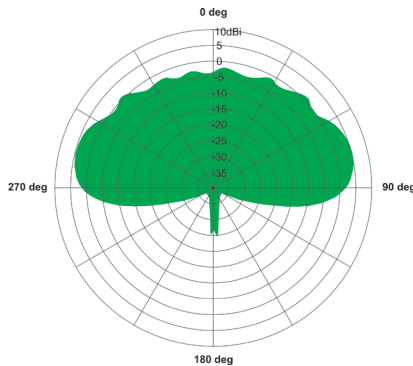
08-ANT-0866-STUD

OMNI-2.4GHZ W/ DUAL STUD MOUNT

08-ANT-0866-FLANGE

OMNI-2.4GHZ W/ FLANGE MOUNT

Elevation Coordinate Pattern:



Physical Specifications

- Diameter: 5.5 in
- Height: 2 in
- Weight: 1.8 oz
- Connector: SMA-Female
- Construction: RoHS Compliant
- Warranty: One year limited

Typical Performance

- Frequency Range: 2-3GHz
- Gain: 3dBi*
- VSWR: 1:1-1.2:1
- 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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rethink the antenna™

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