

Omni-2.4GHz Data Sheet

2.4GHz Omni-Directional MultiPolarized Antenna

Model No:
08-ANT-0866



Product Overview

The **Omni-2.4**, offered by MP Antenna, is a low profile MultiPolarized antenna that can be easily mounted to drop ceiling tiles or solid surfaces without heavy brackets. Weighing less than 2 oz. the **Omni-2.4** is ideal for deployments in hospitals, hotels, schools, and other commercial installations where omni-directional coverage is required. The exceptional effective hemispherical, MultiPolarized 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.



M-POLTM Certified is MP Antenna's exclusive assurance that MultiPolarized antenna technology is incorporated into a world class product to provide superior connectivity in real world obstructed environments.

Features

- Multipolarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built in Spatial Diversity
- Effective Broad Pattern Coverage
- **M-POLTM** Quality and Performance
- Low profile, light weight design
- UV Stabilized Materials
- RoHS Compliant
- Available with Peel and Stick, Flange, and Stud Mounting options.

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
- Vehicle WiFi

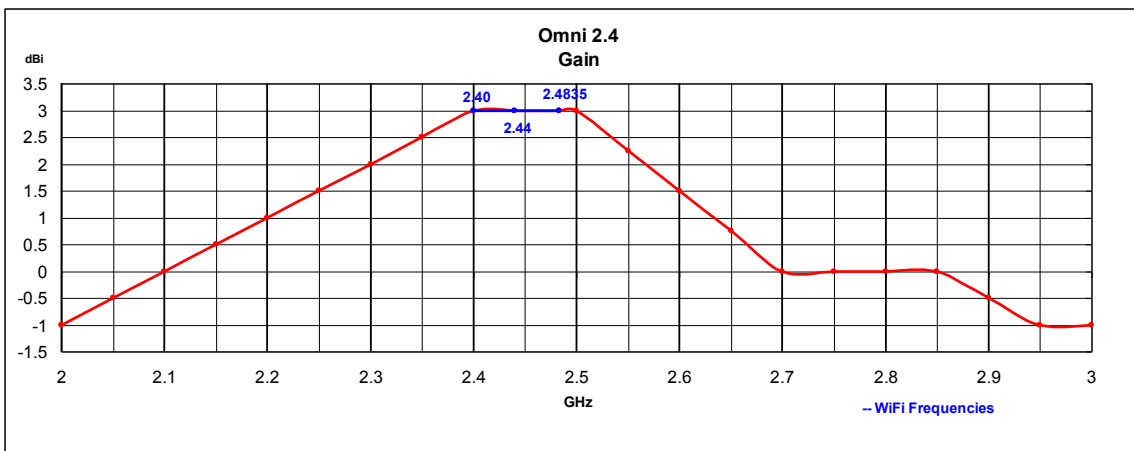
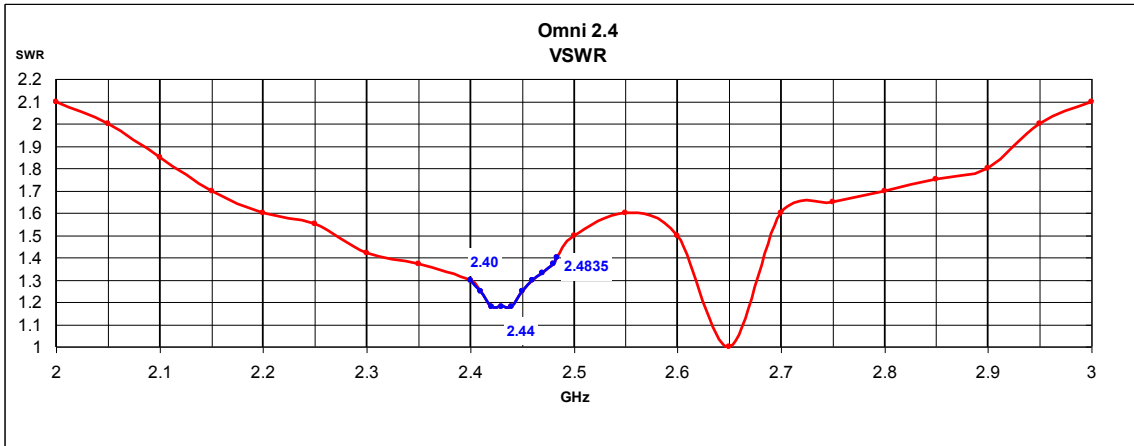
* **MP Antenna** products and technology are protected under United States Patent No. 6,496,152. Other patents pending. Please contact MP Antenna for information about using or licensing **MP Antenna** products or technology. REV: 062110

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Physical Specifications

Diameter: 5.5 in
Height: 2 in
Weight: 1.8 oz
Construction: UV Stabilized Polymers
Connector: SMA-Female
Warranty: One year limited.

Typical Performance

Frequency
Range: 2-3GHz
Gain: 3dBi*
VSWR: 1:1-1.2:1
Polarization: MultiPolarized
Power: 50 Watts Input
Input: 50 ohms nominal

Part Numbers and Available Connectors

Omni-2.4 W/ Adhesive Mount: 08-ANT-0866-FACE
Omni-2.4 W/ Stud Mount: 08-ANT-0866-STUD
Omni-2.4 W/ Flange Mount: 08-ANT-0866-FLANGE

***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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