



Trident

Direct Replacement 2.4GHz Multipolarized Antenna

Data Sheet

Product Overview

The **Trident-2.4** offered by MP Antenna is an easy to install solution that plugs directly into the antenna port of your existing wireless device to increase wireless speed and connectivity in homes, buildings, parks, marinas and any real world obstructed environment. A large problem with many wireless networks is the poor coverage area of standard wireless devices due to inefficient antenna design. Unlike standard antennas, the **Trident-2.4** combines stunning visual design with multipolarized antenna technology to create a spherical-like signal pattern. Multipolarized antenna technology 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.



When tested in non-line-of-sight obstructed environments the **M-POL™ Certified Trident-2.4** can outperform non-multipolarized 8dBi gain antennas.



M-POL™ is the MP Antenna standard of excellence where multipolarized antenna technology is designed into highly engineered quality products providing the maximum level of real world wireless performance.

Features

- Multipolarized, Multiplane and Multipath Send and Receive.
- Obstruction Penetrating.
- Enhanced Connectivity and Throughput.
- Built in Spatial Diversity.
- Easy Installation.
- **M-POL™** Quality and Performance.
- RoHS Compliant.
- Unique Design.

Applications

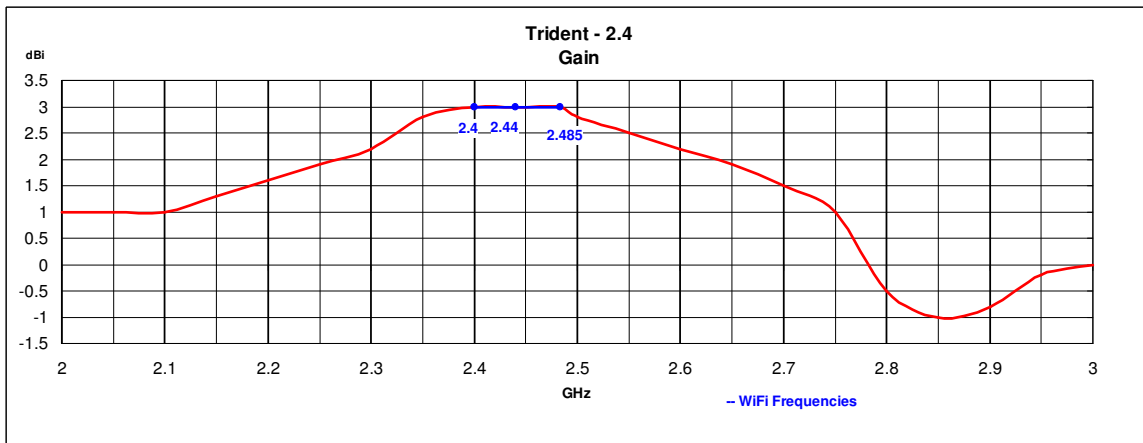
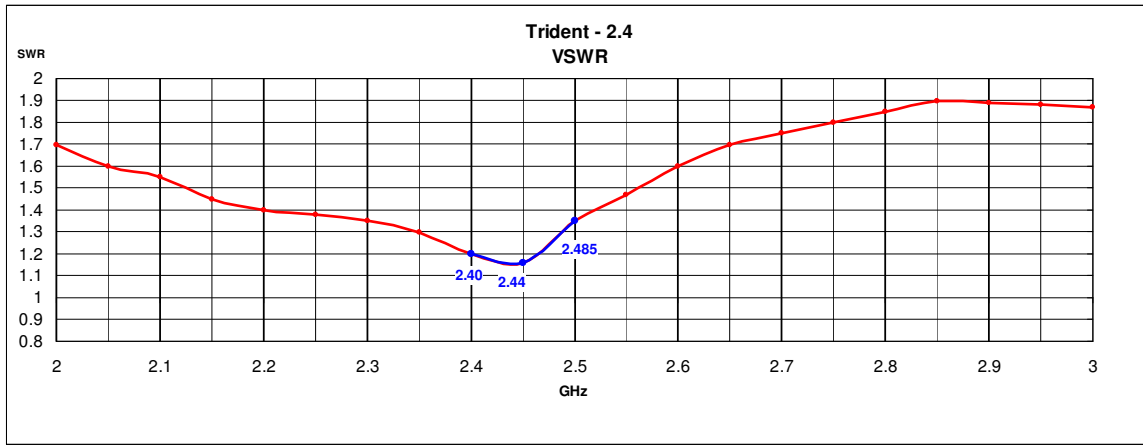
- 2.4 GHz ISM Band Applications.
- 802.11b,g,n Wireless Systems.
- Wireless Broadband Systems.
- WiFi Access Point, Router, Bridge, CPE.
- USB and PCI Wireless cards.
- Building Penetration and High Obstruction Deployments.

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

Trident

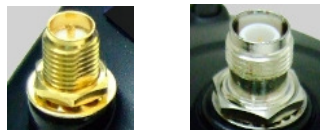
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Physical Specifications

- Radome: 2" OD x 3" long
- Weight: 1.6 oz
- Pigtail: 1.5" Flexible for any orientation.
- Construction: RoHS Compliant
- Warranty: One year limited.
- Installs On: RP-SMA or RP-TNC



Typical Performance

- Frequency Range: 2-3GHz
- Gain: 3dBi*
- VSWR: 1:1-1.8:1
- Polarization: Multipolarized
- Power: 50 Watts Input
- Input: 50 ohms nominal

Part Numbers and Available Connectors

- Trident-2.4 W/ RP-SMA Male: 08-ANT-0874-RPSMA
- Trident-2.4 W/ RP-TNC Male: 08-ANT-0874-RPTNC
- Trident-2.4 W/ Universal Adapter: 08-ANT-0874-UNIV

*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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