



DATA SHEET

# TRIDENT-2.4GHZ

DIRECT REPLACEMENT MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

**08-ANT-0874**

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

877 678 3243 *phone*  
877 678 3245 *fax*  
sales@mpantenna.com  
www.mpantenna.com



## Product Overview

The Trident-2.4GHz is an easy to install Multi-Polarized WiFi antenna that increases wireless speed and connectivity in obstructed environments. A large problem with many wireless networks is poor coverage area caused by inefficient antenna design. Unlike any other antenna, The Trident-2.4GHz utilizes signals in all polarizations, providing users with faster throughput and stronger signals in weak coverage areas. For an overall enhanced wireless experience, simply unscrew the stock antenna on any wireless device and install the Trident-2.4GHz.

## Features

- Multi-Polarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built In Spatial Diversity
- Easy Installation
- RoHS Compliant

## 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

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.



DATA SHEET

# TRIDENT-2.4GHZ

DIRECT REPLACEMENT MULTI-POLARIZED WIFI ANTENNA

MODEL NO:

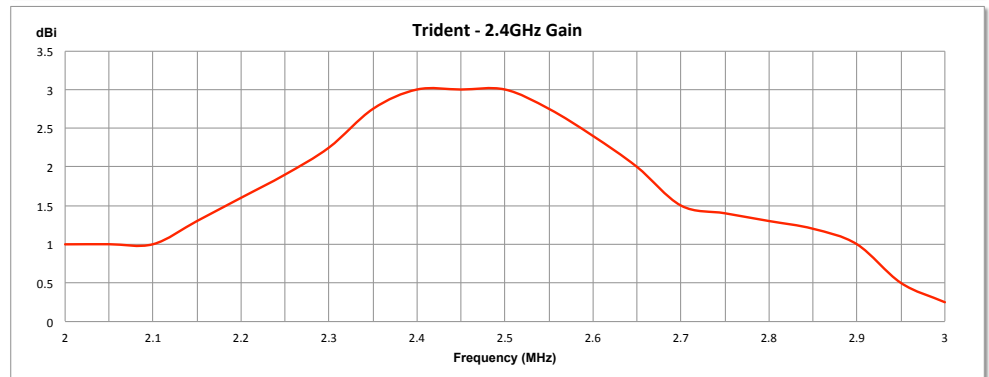
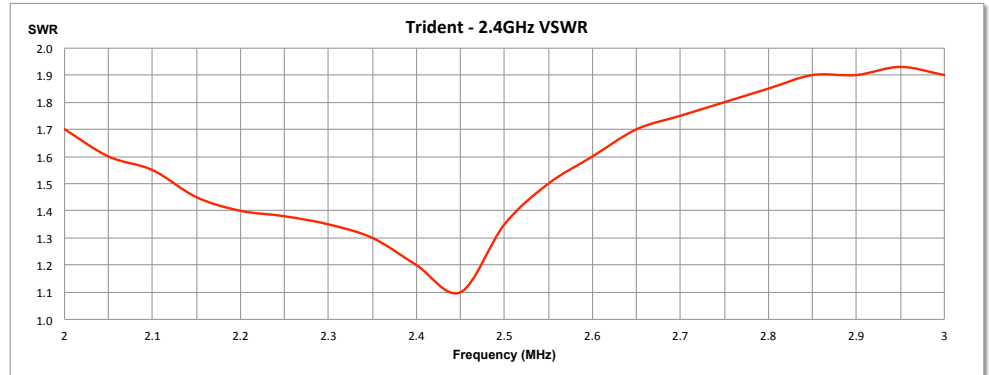
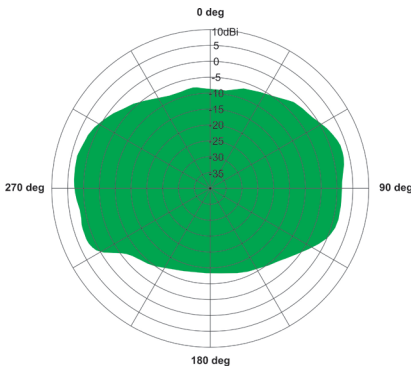
**08-ANT-0874**

PART NUMBERS AND  
AVAILABLE CONNECTORS:

TRIDENT-2.4GHZ W/ UNIVERSAL ADAPTER:

**08-ANT-0874-UNIV**

Elevation Coordinate Pattern:

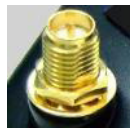


MP Antenna, LTD.  
7887 Bliss Parkway  
North Ridgeville, Ohio 44039

877 678 3243 *phone*  
877 678 3245 *fax*  
sales@mpantenna.com  
www.mpantenna.com

## Physical Specifications

- Radome: 2 in OD x 3 in long
- Weight: 1.6 oz
- Pigtail: 1.5 in Flexible for any orientation
- Construction: RoHS Compliant
- Warranty: One year limited
- Installs On:



RP-SMA Female



RP-TNC Female

## Typical Performance

- Frequency Range: 2-3GHz
- Gain: 3dBi\*
- VSWR: 1:1-1.8:1
- 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.

rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind. Copyright © 2009 MP Antenna Ltd. All rights reserved.