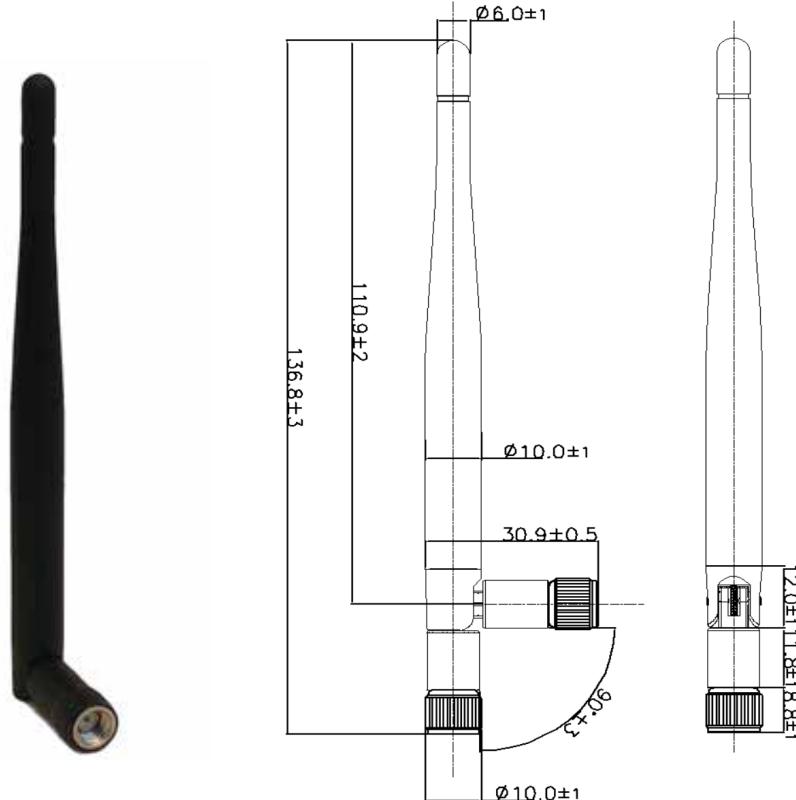


# Wireless External Antenna for 2.4 GHz Applications

Pulse Part Number W1027



## Features

- High gain antenna
- For WLAN Bluetooth® and ZigBee™
- Omni-directional radiation pattern provides broad 360° coverage
- One-quarter wavelength dipole configuration
- Connection and color options easily integrate with OEM designs
- RoHS Compliant Product

**Weight** <13 grams

**Dimensions** Inches / mm

**Connector** RP-SMA (male)

## Electrical Specifications @ 25° C

Frequency Range (GHz)	Peak Gain (dBi)	Impedance (Ohm)	VSWR	Polarization	Electrical Length	Radiation	Color
2.4 - 2.5	3.2*	50	1.9	Vertical	1/4 dipole	Omni	Black

\* RF Characteristics are measured on a test box size: 140 x 90 x 30mm<sup>3</sup>.

## Confidential and Proprietary — Pulse Electronics — All Rights Reserved — 2015

This document contains confidential and proprietary information of Pulse Electronics, Inc. (Pulse) and is protected by copyright, trade secret and other state and federal laws. Its receipt or possession does not convey any rights to reproduce, disclose its contents, or to manufacture, use or sell anything it may describe. Reproduction, disclosure or use without specific written authorization of Pulse is strictly forbidden.

San Diego, California  
858 674 8100

Vancouver, Washington  
360 944 7551

Europe  
49 7032 7806 0

China  
86 512 6807 9998

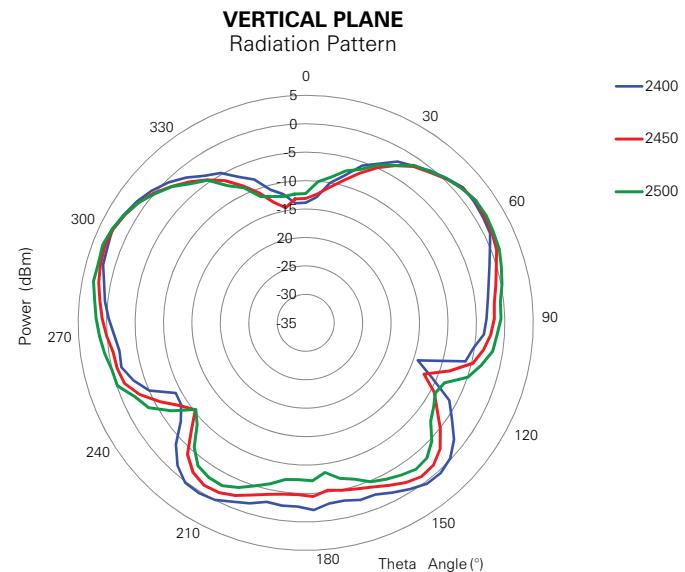
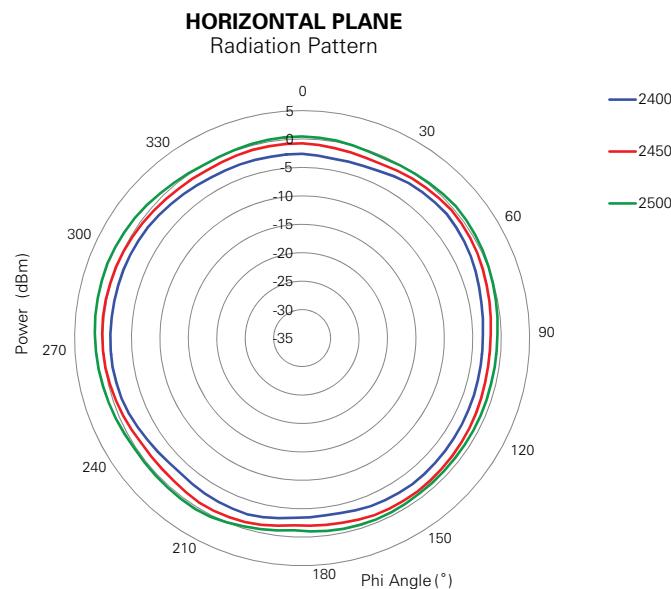
# Wireless External Antenna for 2.4 GHz Applications

Pulse Part Number W1027

## Application Notes

Omni-directional antennas provide a uniform, donut-shaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna can be used for a variety of other applications

within the specified frequency range. When used as an access point, the antenna is ideally located at the center of the coverage area.



## For More Information

**Pulse Worldwide Headquarters**  
12220 World Trade Drive  
San Diego, CA 92128  
U.S.A.

Tel: 858 674 8100  
Fax: 858 674 8262

**Larsen Brand Antennas**  
3611 NE 112th Avenue  
Vancouver, WA 98682  
USA

Tel: 360 944 7551  
Fax: 369 944 7556

**Europe Headquarters**  
Pulse GmbH & Do, KG  
Zeppelinstrasse 15  
Herrenberg, Germany

Tel: 49 7032 7806 0  
Fax: 49 7032 7806 135

**Pulse (Suzhou) Wireless Products Co., Inc.**  
99 Huo Ju Road, (#29 Bldg, 4th Phase)  
Suzhou New District  
Science & Tech Industrial Park  
Jiangsu Province, Suzhou 215009 PR China

Tel: 86 512 6807 9998  
Fax: 86 512 6809 8023



Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2015. Pulse Electronics, Inc. All rights reserved.