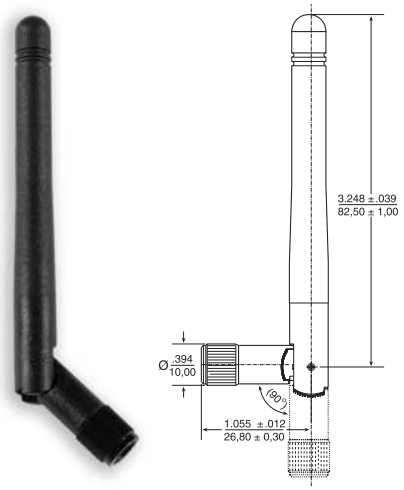
Wireless External Antenna for 2.4 GHz Applications

Pulse Part Number: W1030



Features

- Shortest antennas in product line
- For WLAN devices using WiFi (802.11b/g), Bluetooth® and ZigBee™
- Omni-directional radiation pattern provides broad 360° coverage
- One-quarter wavelength dipole configuration
- Connection options easily integrate with OEM designs

Connector Options

- Reverse SMA (Male)*
- SMA (Male)

** Default Configuration – Please contact Pulse Applications Engineering for assistance in ordering connectors*

Weight.....6.3 grams
Carton.....20/bag; 500/carton

Dimensions: Inches / mm

Unless otherwise specified, all tolerances are ± .010 / 0.25

Electrical Specifications @ 25 ºC

Note: This part number is lead-free and RoHS compliant. No additional suffix or identifier is required.

Antenna Part No.	Frequency [GHz]	Gain [dBi]	Impedance [Nom]	VSWR	Polarization	Electrical Length	Radiation
W1030	2.4 – 2.5	2.0	50 Ω	≤ 2.0	Vertical	1/4, dipole	Omni

Pulse Antennas
Takatie 6
90440 Kempele
Finland
Tel: +358 207 935 500
www.pulseeng.com/antennas

External Antennas Sales Contacts

USA	858 674 8100	Shanghai	86 21 32181071
UK	44 1483 401 700	China	86 769 5538070
France	33 3 84 35 04 04	Taiwan	886 2 26980228
Singapore	65 6287 8998		

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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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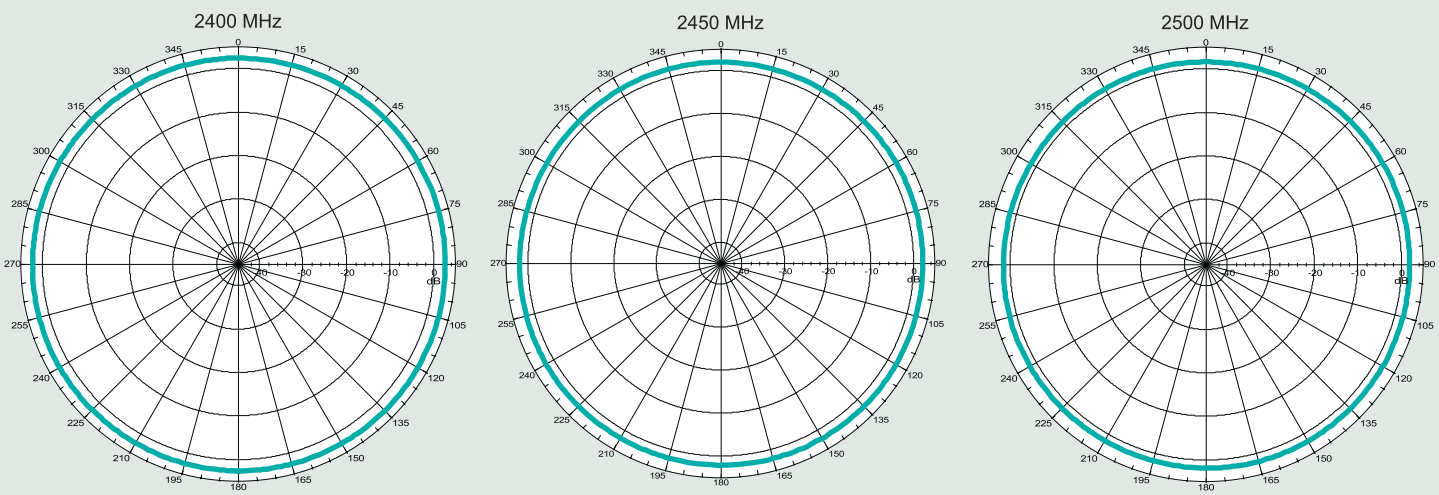
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Application Notes

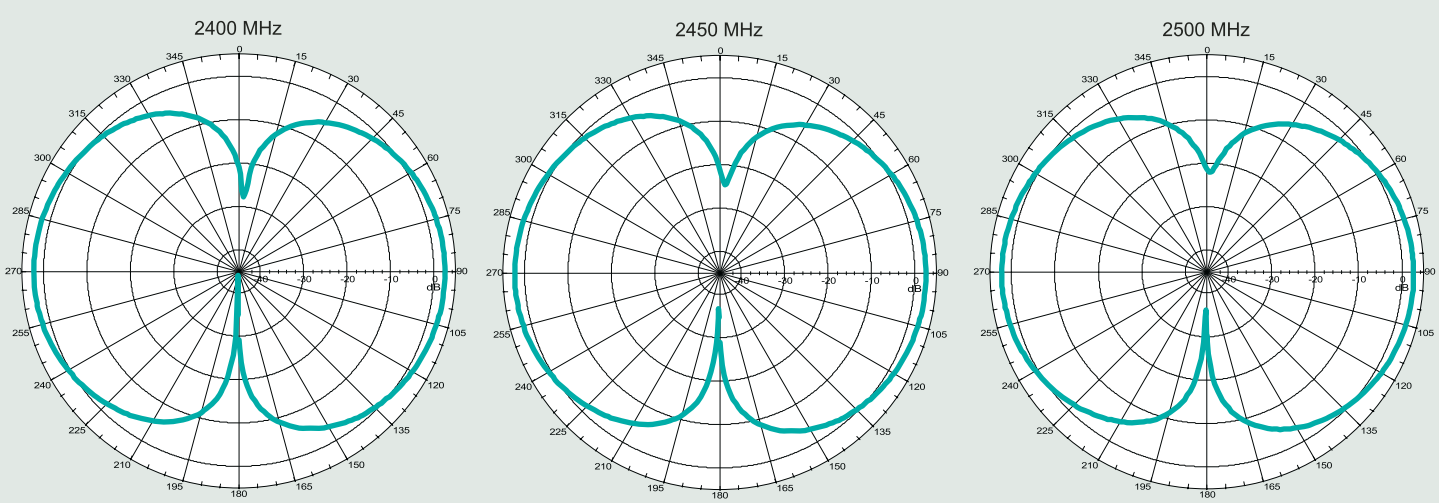
Omni-directional antennas provide a uniform, donut-shaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna is primarily used for WLAN applications. However, it can also be used for a variety of other applications within the specified frequency range. When used as an access point, the antenna is ideally located at the center of the coverage area.

Gain Performance W1030

Horizontal Position



Vertical Position



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