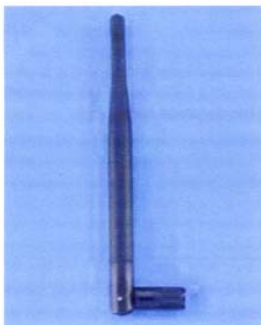


ATTACHMENT G (ANTENNA INFORMATION)

WIRELESS ANTENNAS

2.4GHz Applications



- High gain antenna
- 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 and color options easily integrate with OEM designs



Electrical Specifications @ 25°C								
Antenna Part No.	Frequency (GHz)	Gain (dBi)	Impedance (NOM)	VSWR	Polarization	Electrical Length	Radiation	Color
W1027	2.4 - 2.5	3.2	50Ω	≤ 1.9	Vertical	1/4, dipole	Omni	Black

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

Color Options

- Black*
- Gray (Pantone cool gray 8C)

Connector Options

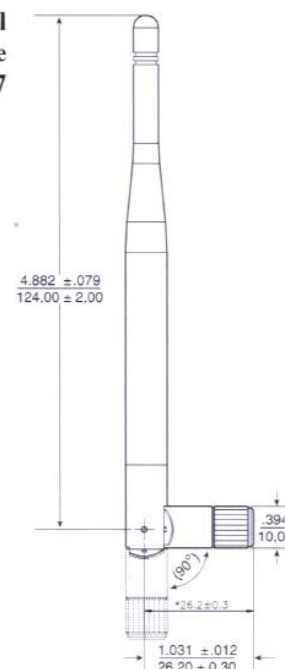
- Reverse SMA (Female)*
- SMA (Male)

*Default Configuration - Please contact Pulse Applications Engineering for assistance in ordering colors and connectors.

Weight.....13.9 grams
Carton 20/bag; 500/carton

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$

Mechanical Outline W1027



USA 858 674 8100 • UK 44 1483 401 700 • France 33 3 84 35 04 04 • Singapore 65 6287 8998 • Shanghai 86 21 32161071 • China 86 769 5538070 • Taiwan 886 2 26980228

www.pulseeng.com

9

WC713.D (12/05)

WIRELESS ANTENNAS

2.4GHz Applications



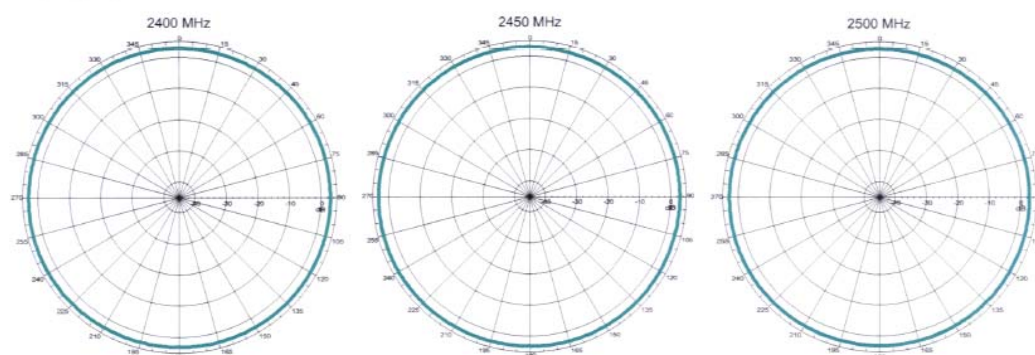
Application Notes

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 - W1027

Horizontal Position



Vertical Position

