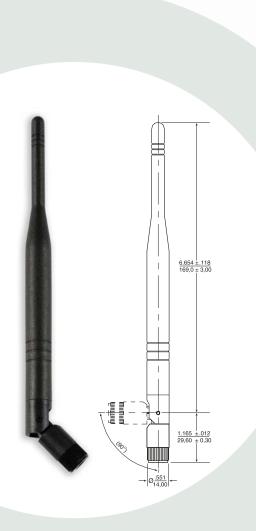
# Wireless External Antenna for 900 MHz Applications

Pulse Part Number: W1063



#### **Features**

- Ideal for lower frequency wireless applications in the ISM 900 MHz band
- Omni-directional radiation pattern provides broad 360° coverage
- One-eighth wavelength dipole configuration
- Connection and color options easily integrate with OEM designs

## **Color Options**

- Black\*
- Gray (Pantone cool gray 8C)
- Gray (Pantone 429C)
- Gray (Pantone cool gray 7C)

### **Connector Options**

- Reverse SMA (Male)\*
- SMA (Male)
- \* Default Configuration Please contact Pulse Applications Engineering for assistance in ordering colors and connectors

Dimensions: Inches

Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ 

# **Electrical Specifications @ 25 °C**

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

Antenna Part No.	Frequency [MHz]	Gain [dBi]	Impedance [Nom]	VSWR	Polarization	Electrical Length	Radiation	Color
W1063	868 – 928	3.0	50 Ω	≤ 2.0	Vertical	1/4, dipole	Omni	Black

### **Pulse Antennas**

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

### External Antennas Sales Contacts

USA 858 674 8100 UK 44 1483 401 700 France 33 3 84 35 04 04 Singapore 65 6287 8998

 Shanghai
 86 21 32181071

 China
 86 769 5538070

 Taiwan
 886 2 26980228



# Wireless External Antenna for 900 MHz Applications

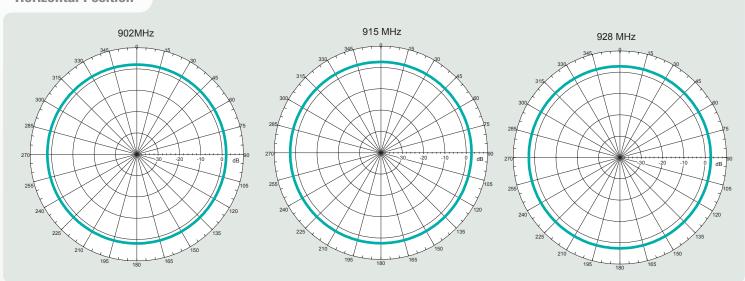
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### **Application Notes**

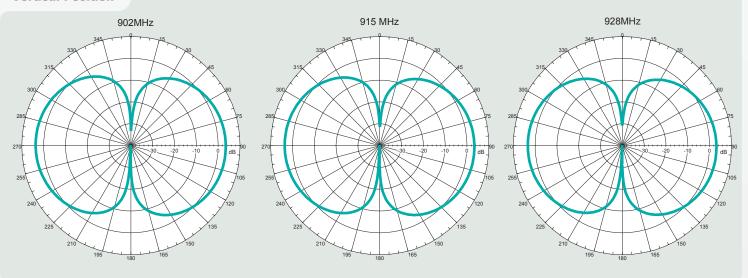
Omni-directional antennas provide a uniform, donutshaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna is primarily used for WLAN applications. However, it can also be used for a variety of other applications within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

### **Gain Performance W1063**

### **Horizontal Position**







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