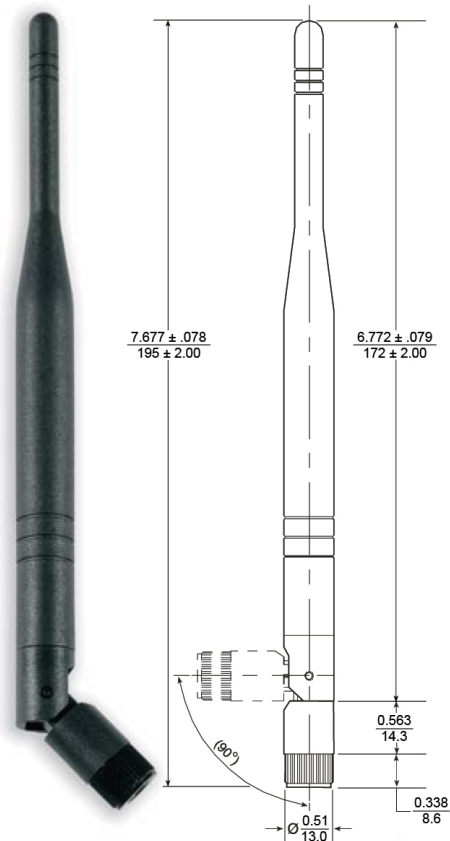


# Wireless External Antenna for 900 MHz Applications

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
- Black

### Connector

- Reverse SMA Male

Weight. . . . .25.6 grams  
Carton . . . . . 20/bag, 500/carton

Dimensions [in / mm]

Unless otherwise specified, all tolerances are  $\pm .010$  / 0.25

### Electrical Specifications @ 25 °C

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

Part Number	Frequency [MHz]	Gain [dBi]	Impedance [Nom]	VSWR	Polarization	Radiation	Color
W1063	868 - 928	3.0	50 $\Omega$	<2.5	Vertical	Omni	Black

# Wireless External Antenna for 900 MHz Applications

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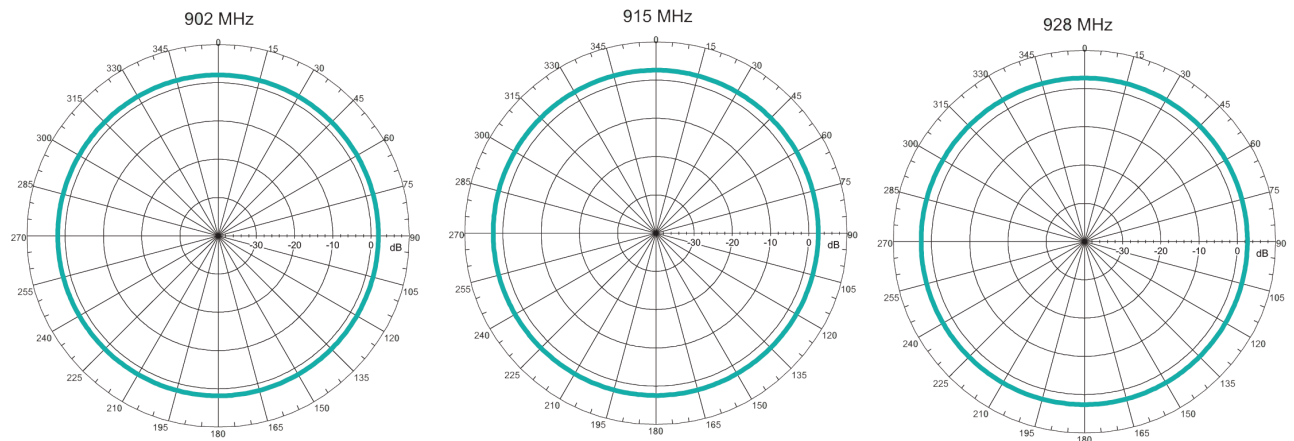
## Application Notes

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. The antenna is primarily used for

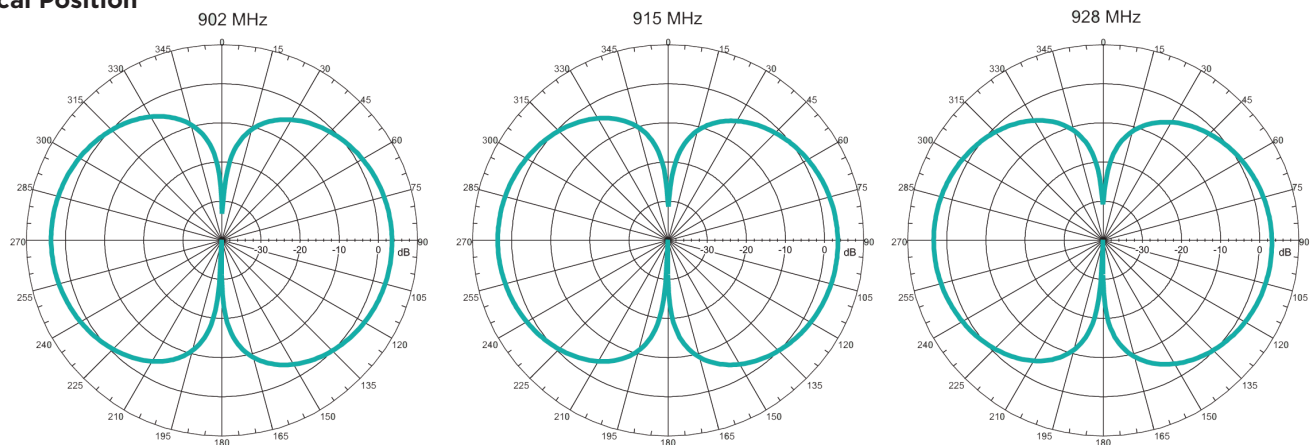
WLAN applications. However, it can also be used for a variety of other applications within the specified frequency range. When used as an access point, the antenna is ideally located at the center of the coverage

## Gain Performance W1063

### Horizontal Position



### Vertical Position



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