# Wireless External Antenna for 900 MHz Application

Pulse Part Number: W1038ES



#### **Features**

- Ideal for lower frequency wireless applications in the ISM 900 MHz band
- Omnidirectional radiation pattern provides broad 360° coverage
- One-quarter wavelength dipole configuration

## Connector

- Reverse SMA (Male)

Weight 24.7 grams Carton 20/bag; 500/carton

Dimensions: Inches

Unless otherwise specified, all tolerances are  $\pm \frac{0.10}{0.25}$ 

# Electrical Specifications @ +25 °C

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

Frequency [GHz]	Gain [dBi]	Impedance [Nom]	VSWR	Polarization	Electrical Length	Radiation
868 – 928	3.0	50 Ω	≤ 2.0	Vertical	1⁄4, dipole	Omni

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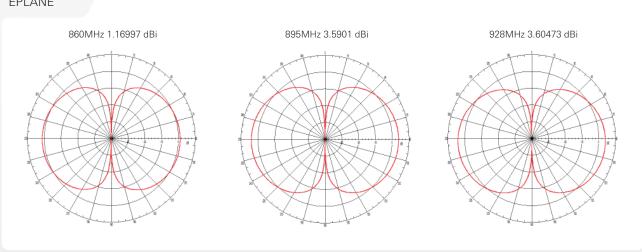
# **Application Notes**

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

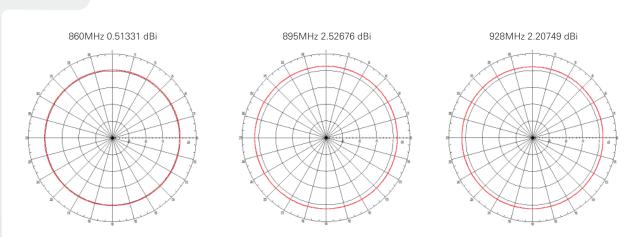
applications. However, it can also be used for a variety of other applications withing the spec ified frequency range. When used as an access point, the antenna is ideally located at the center of the coverage area.

### Gain Performance W1038ES









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