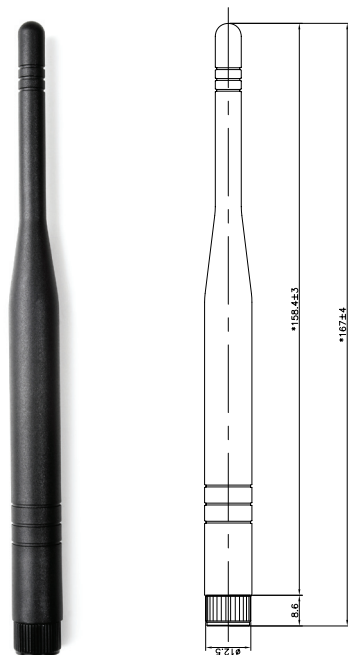


Wireless External Antenna for 900 MHz Application

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: $\frac{\text{Inches}}{\text{mm}}$

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

Pulse Finland Oy

Takatie 6
90440 Kempele, Finland
Tel: +358 207 935 500
Fax: +358 207 935 501
www.pulseeng.com/antennas



Wireless External Antenna for 900 MHz Application

Pulse Part Number: W1038ES

Application Notes

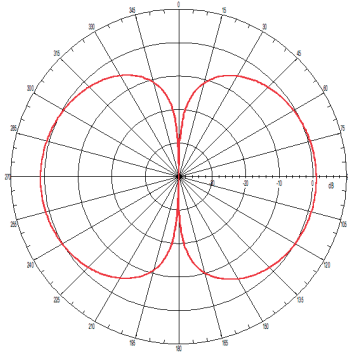
Omni-directional antennas provide a uniform, donut-shaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna is primarily used for WLAN

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.

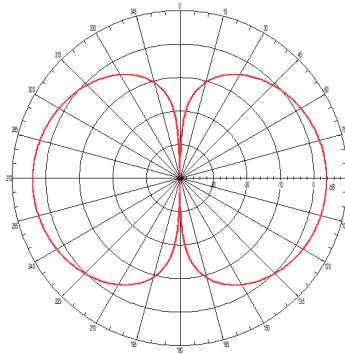
Gain Performance W1038ES

EPLANE

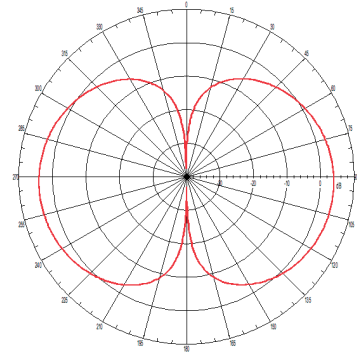
860MHz 1.16997 dBi



895MHz 3.5901 dBi

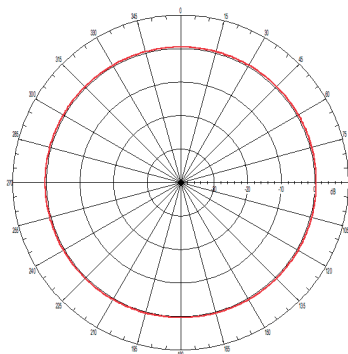


928MHz 3.60473 dBi

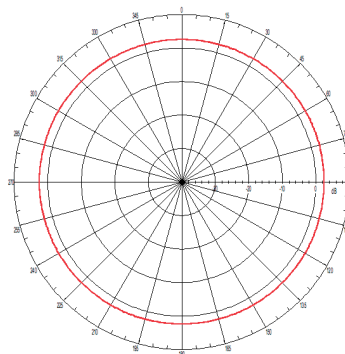


H-PLANE

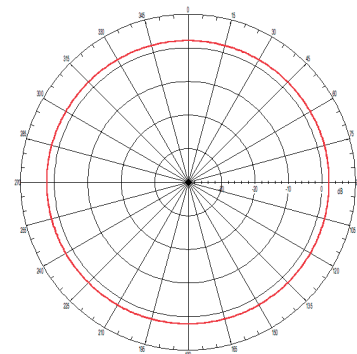
860MHz 0.51331 dBi



895MHz 2.52676 dBi



928MHz 2.20749 dBi



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