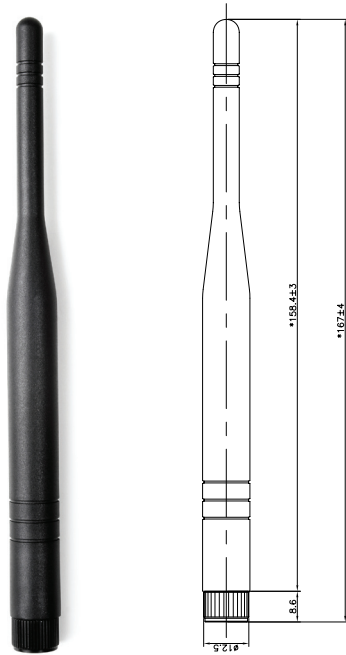


# Wireless External Antenna for 900 MHz Application

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 $\Omega$	$\leq 2.0$	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](http://www.pulseeng.com/antennas)



# Wireless External Antenna for 900 MHz Application

Pulse Part Number: W1038ES

## Application Notes

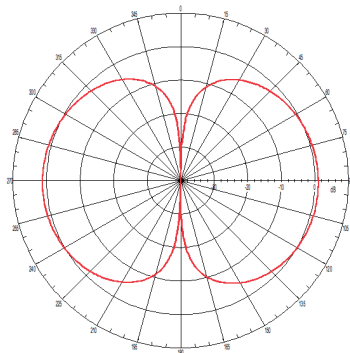
Omni-directional antennas provide a uniform, donut-shaped, 360° radiation pattern. The omni-directional pattern is suitable for point-to-multipoint broadcasting in all directions. This antenna is primarily used for WLAN

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.

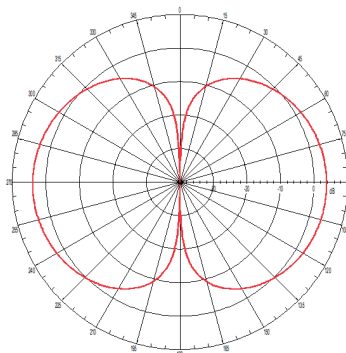
## Gain Performance W1038ES

### EPLANE

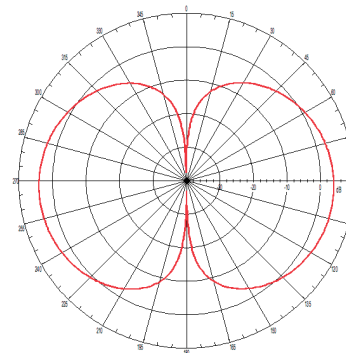
860MHz 1.16997 dBi



895MHz 3.5901 dBi

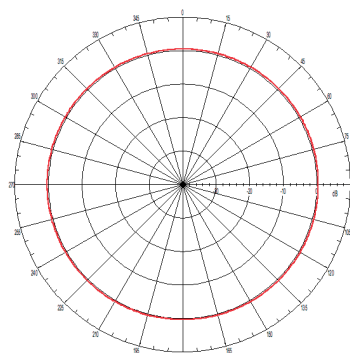


928MHz 3.60473 dBi

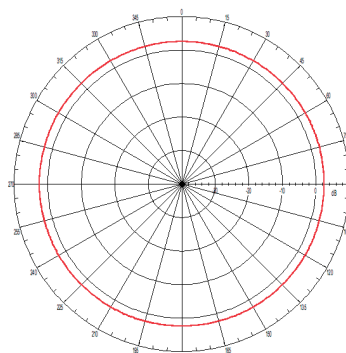


### H-PLANE

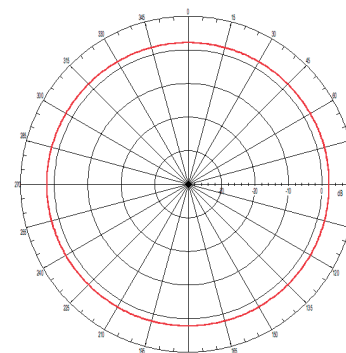
860MHz 0.51331 dBi



895MHz 2.52676 dBi



928MHz 2.20749 dBi



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单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)