

## WPANT30048-R2A

### 900 MHz GSM Omni-Directional Antenna



#### Description / Application

This is a high gain Omni-directional antenna that operates in the 900 MHz GSM band. It comes with a Type-N female connector. The antenna is at DC ground to ensure protection against lightning.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact [sales@worldproducts.com](mailto:sales@worldproducts.com) with your specific application requirements.

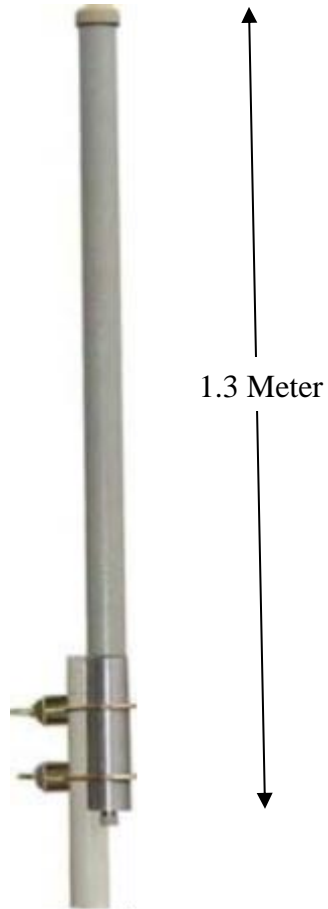
#### Electrical Properties

<b>Operating Frequency</b>	870 – 960 MHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR – Typical</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	6 dBi
<b>Polarization</b>	Vertical
<b>Pattern</b>	Omni-Directional
<b>Accepted Power [W] (Max)</b>	500 Watts
<b>Lightning Protection</b>	DC ground

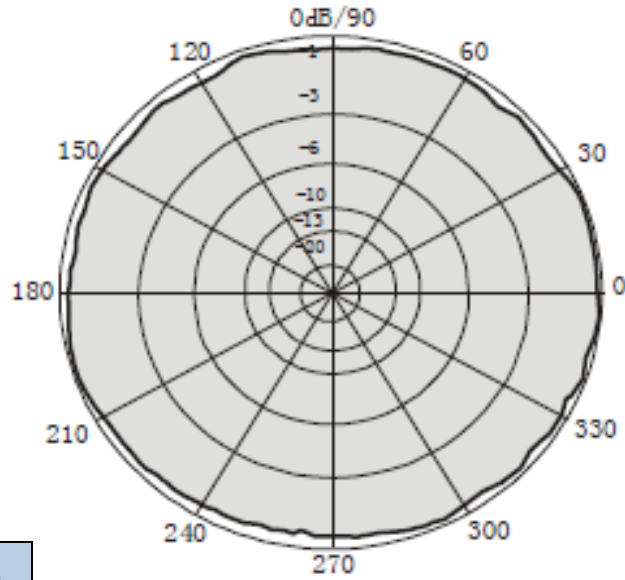
#### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	51" X 1.5" (1300mm X 38mm)
<b>Antenna Color</b>	Grey
<b>Connector</b>	Type-N Female
<b>Antenna Radome</b>	Fiberglass
<b>Operating / Storage Temperature</b>	-40°C to +90°C
<b>Environmental</b>	Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant

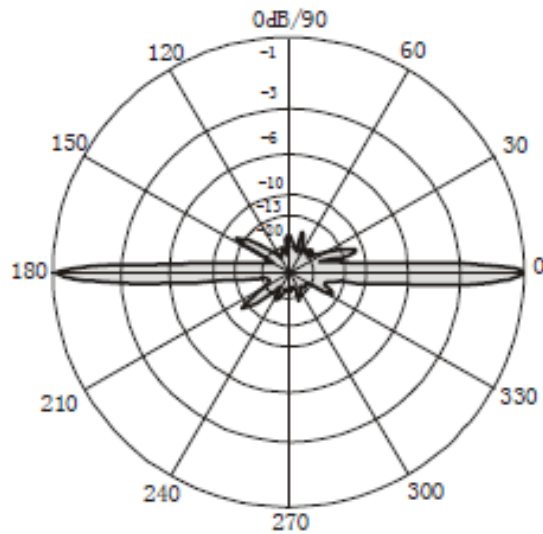
Pictures of the Antenna



### 3D Radiation Patterns of the Antenna



**Horizontal Pattern**



**Vertical Pattern**