WORLD PRODUCTS INC.

19654 Eighth Street East
P.O. Box 517
Sonoma, CA 95476
(707) 996.5201
www.worldproducts.com
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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 with your specific application requirements.

Electrical Properties

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

Mechanical / Environmental Properties

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

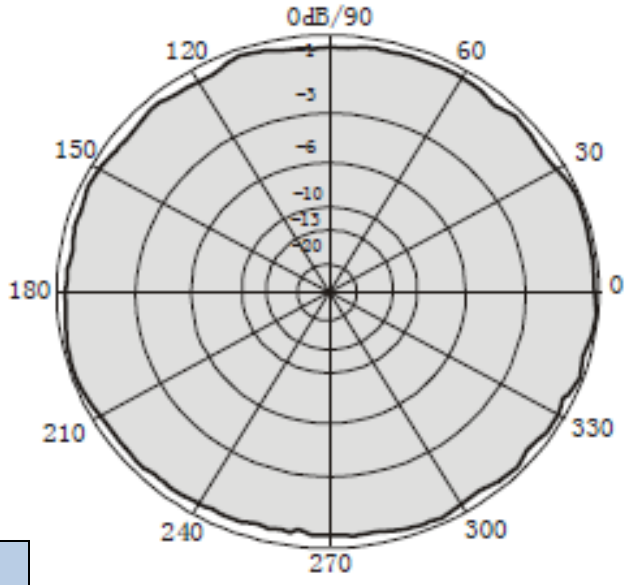
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Pictures of the Antenna

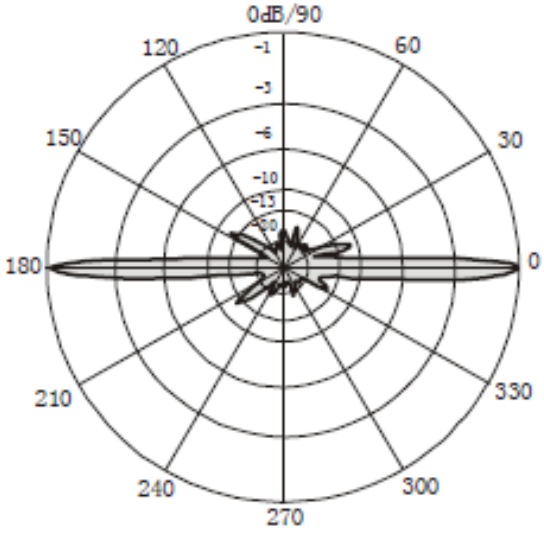


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3D Radiation Patterns of the Antenna



Horizontal Pattern



Vertical Pattern