

19654 Eighth Street East P.O. Box 517 Sonoma, CA 95476 (707) 996.5201 www.worldproducts.com sales@worldproducts.com

WPANT60025-R2A

Pin Style Ceramic GPS Patch Antenna



Description / Application

This is a Pin-style Ceramic Patch Antenna for GPS L1 Band applications. This can be used in portable navigation devices where size and performance are very critical.

The antenna can be tuned to any other frequency 15XX MHz and the corresponding part number would be WPANT60025-R2AXX.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. We specialize in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

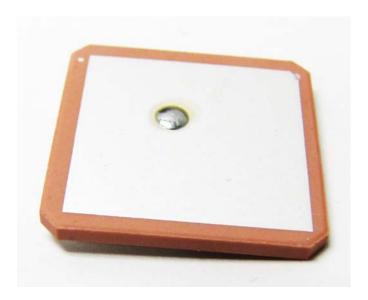
Electrical Properties	
Operating Frequency	1567 – 1583 MHz
Approximate Antenna Impedance [Ω]	50Ω
VSWR – Typical	< 1.5:1 @ 1575 MHz
Peak Gain [dBic] (Typical)	4.5 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)	3 dB

Mechanical / Environmental Properties	
Patch Dimensions	25mm X 25mm X 2mm
Antenna Color	Brown
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Rev: 2.0 Created on: March 27, 2014 Created by: MKS Approved by: BP Page | 1



Pictures of the Antenna





Rev: 2.0 Created on: March 27, 2014 Created by: MKS Approved by: BP Page | 2