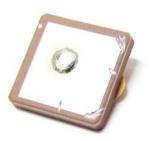


19654 Eighth Street East P.O. Box 517 Sonoma, CA 95476 (707) 996.5201 www.worldproducts.com sales@worldproducts.com

## **WPANT60012-R1A**

## 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 WPANT60012-R1AXX.

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 <a href="mailto:sales@worldproducts.com">sales@worldproducts.com</a> with your specific application requirements.

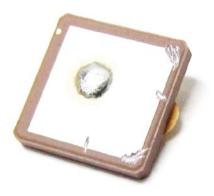
Electrical Properties	
Operating Frequency	1567 – 1583 MHz
Approximate Antenna Impedance [ $\Omega$ ]	50Ω
VSWR – Typical	< 1.5:1 @ 1575 MHz
Peak Gain [dBic] (Typical)	-5.5 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)	4.2 dB

Mechanical / Environmental Properties	
Patch Dimensions	12mm X 12mm X 2mm
Antenna Color	Brown
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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