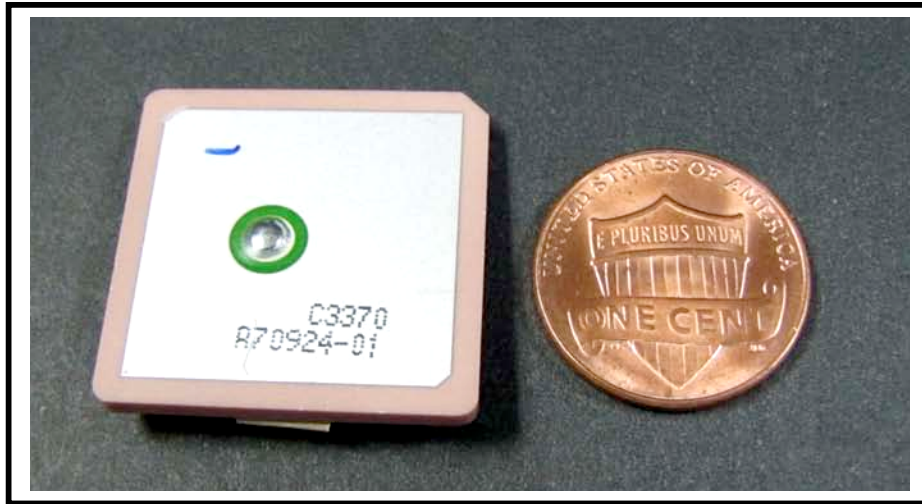




Picture of the Part



Application

WPANTPATCGT1252XXA is a Pin-style Ceramic Patch Antenna for GPS L1 Band function. This can be used in portable navigation devices where size and performance are very critical.

WP Wireless 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. WP Wireless specializes in developing customized Antenna solutions. Please contact sales@wp-wireless.com with your specific application requirements.

Electrical Properties

Parameter	Antenna Performance
Operating Frequency*	1567 – 1583 MHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω
VSWR – Typical*	<1.5:1 @ center frequency
Peak Gain [dBic] (Typical)*	3 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)*	3.0 dB
Accepted Power [W] (Max)*	2 Watts

*Note: Measured on 50mm X 50mm FR4 ground plane with SMA connector.



Mechanical / Environmental Properties

Item	Value
Patch Dimensions	25mm X 25mm X 2mm (L X W X H)
Antenna Color	Brown with Silver patch
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

Pictures of the Antenna

