



Picture of the Part



Application

WPANT20011-R is an SMD-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)	-2 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)	2.4 dB
Accepted Power [W] (Max)	2 Watts



Mechanical / Environmental Properties

Item	Value
Patch Dimensions	15mm X 15mm X 2mm (L X W X H)
Antenna Color	Grey 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

