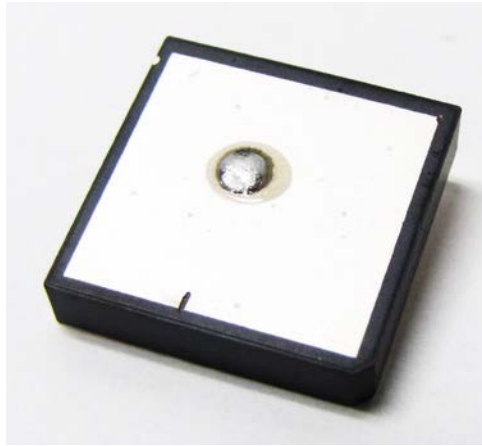


WPANT60018-R1A80

Pin Style Ceramic GPS Patch Antenna



Description / Application

This is a Pin-style Ceramic Patch Antenna for GPS L1 Band applications. The center frequency for this antenna is 1580 MHz. This can be used in portable navigation devices where size and performance are very critical.

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	1572 – 1588 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical	< 1.5:1 @ 1580 MHz
Peak Gain [dBic] (Typical)	3.5 dBic @ Zenith
Polarization	RHCP
Axial Ratio [dB] (Typical)	3 dB

Mechanical / Environmental Properties

Patch Dimensions	18mm X 18mm X 4mm
Antenna Color	Dark grey
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna

