

GPS/GLONASS Ceramic Patch Antenna 25x25x4mm

Part No:AC-GPS(GNSS)-D254

1. Introduction

GPS/GLONASS Dielectric Ceramic Patch Antenna is an easy design in ceramic Dielectric GPS/GLONASS Antenna with Silver Electrode Antenna pattern.

The patch antenna with compact size incorporates a rectangular micro-strip design for GPS right-hand circular polarization wave reception, featuring low RL, low Axial Ratio but high gain, Light weight, low profile, easy to assemble,high performance passive antenna

Center frequency :-10dB bandwidth center frequency. depend on the ground plane of customers.



2. Specification

Electrical

Center Frequency	1575/1592-1608MHz
Band With (Mhz)	Each Bands \geq 10MHZ
Return loss	\leq -10dB
Polarization	RHCP
Impedance	50 Ω
Peak Gain	5.5dB typical
Axial Ratio	\leq 12dB
Power	1w
Frequency Temperature	0 \pm 10
Mounting way	Peel and stick

Mechanical

Size	25x25x4mm
Weight	<10g

Environmental

Operating Temperature	-40 $^{\circ}$ C~+80 $^{\circ}$ C
Humidity	55%~75%RH
Antenna Radome Material	Ceramics
RoHS Compliant	YES