

GPS Dielectric Ceramic Patch Antenna 18x18x4mm

Part No:AC-GPS-D184A

1. Introduction

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

Light weight, low profile, easy to assemble,high performance passive RHCP antenna

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



2. Specification

Electrical

Center Frequency	1575.42±3MHz
Band width	±2.5MHz
V.S.W.R	<1.5
Polarization	RHCP
Impedance	50Ω
Peak Gain	>2dBi Based on 7cm×7cm ground plane
Gain Coverage	>-4dBi at -90° < 0 < +90°(over 75% Volume)
Frequency Temperature	20(ppm/deg.°C max)
Mount way	Welding

Mechanical

Size	18x18x4mm
Weight	<10 g

Environmental

Operating Temperature	-40°C~+80°C
Humidity	95%~100%RH
Vibration	Sine sweep 1g(0-p)10~50~10Hz each axis
Antenna Radome Material	Ceramics
RoHS Compliant	YES