

## **RHCP GPS GSM WIFI Combo Antenna With RG174 Cable Screw Mounting**

**Part No:AC-GPS/GSM/WIFI-DH**

### **1. Introduction**

The GPS/GSM/WIFI combo antennas have been designed to provide maximum performance and versatility for telematics applications, including fleet monitoring and asset tracking.

The antennas precise performance and easy of installation provides outstanding value and flexibility for the most demanding wireless mobile applications.

A waterproof rubber ring at the base provides a watertight seal to the mounting structure.

It is good use to put it on top of the car, and then take it for travel



## 2. Specification

### Electrical

<b>GPS Part:</b>	<b>Dielectric Antenna</b>	
	Frequency Range	1575.42MHz±3MHz
	Polarization Type	RHCP
	Gain	5dBi
	V.S.W.R	<1.5
	Impedance	50Ω
	<b>LNA</b>	
	LNA Gain	28±2dB Typical
	Noise Figure	1.5dB
	Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
	V.S.W.R	<2.0
	Voltage	2.7/3.0/3.3/5.0/3.0 to 5.0 etc.
Current Consumption(mA)	11 Max	
<b>GSM Part:</b>	Frequency range	824-960/1710-2170MHz
	V.S.W.R	<2.0
	Gain	2dBi
	Polarization	Linear
	Impedance	50Ω
<b>WIFI Part:</b>	Frequency range	2400-2483MHz
	V.S.W.R	<2.0
	Gain	2dBi
	Polarization	Linear
	Impedance	50Ω
<b>Mechanical</b>		
	Housing	Black
	Cable	3xRG174
	Length	3x3/5M or can be customization
	Connector	3xSMA Male or can be customization
<b>Environmental</b>		
	Working Temp	-40°C~+85°C
	Humidity	55%-75%RH
	Waterproof	IP67
	Antenna Radome Material	ABS
	Mount way	Screw
	Antenna Dimension	Φ50x49mm
	Weight	80g
	RoHS Compliant	YES