

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

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

#### **1. Introduction**

The multi band antenna can be mounted on roof of the vehicle or on electrical cabinet (e.g. vending machine, passenger information system)

This antenna provides Quad Band GSM combined with a GPS antenna, Housed in a rugged low profile ABS resistant, this antenna is compact and resistant to Vandalism.

This antenna for GSM/GPS applications where high performance is required from small size.

The antenna includes a low noise amplifier and incorporates both screw fixings mount.



## 2. Specification

Electrical		
GPS Part:	<b>Dielectric Antenna</b>	
	Frequency Range	1575.42MHz±3MHz
	Polarization Type	RHCP
	Gain	2dBi
	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
GSM Part:	Frequency range	824-960/1710-2170MHz
	V.S.W.R	<2.0
	Gain	2dBi
	Polarization	Linear
	Impedance	50Ω
Mechanical		
	Housing	Black
	Cable	2xRG174
	Length	2x3/5M or can be customization
	Connector	2xSMA Male or can be customization
Environmental		
	Working Temp	-40℃~+80'℃
	Humidity	55%-75%RH
	Waterproof	IP67
	Antenna Radome Material	ABS
	Mounting way	Screw Mount
	Antenna Dimension	Φ50x49mm
	Weight	108g
	RoHS Compliant	YES