

## GPS/GSM Screw Mount Combination Antenna

### Part No:AC-GPS/GSM-06

#### 1. Introduction

The GPS/GSM 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.

Magnetic mount, and permanent adhesive mount will be choose.

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	30dB 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

### 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	IP66
	Antenna Radome Material	ABS
	Mount way	Screw or Screw&adhesive
	Antenna Dimension	Φ47x14mm
	Weight	60g
	RoHS Compliant	YES