

## GPS/Cellular LTE/WIFI 3 in 1 Combination Antenna

### Part No:AC-GPS/LTE/WIFI-01

#### 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.

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±3 MHz
	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>LTE Part:</b>	Frequency range	698-960/1710-2700MHz
	V.S.W.R	<2.0
	Gain	3dBi
	Polarization	Linear
	Impedance	50Ω
<b>WIFI Part:</b>	Frequency range	2.4/5GHZ
	V.S.W.R	<2.5
	Gain	3dBi
	Polarization	Linear
	Impedance	50Ω

### Mechanical

Antenna Radome Material	ABS Black
Cable	RG174
Length	3/5M(can be customization)
Connector	SMA Male(can be customization)

### Environmental

Working Temp	-40℃~+80℃
Humidity	55%-75%RH
Waterproof	IP65
Mount way	Magnetic/Self-adhesive
Antenna Dimension	Φ80×14 mm
Weight	230g
RoHS Compliant	YES