

## RHCP GPS 4G/LTE Combo Antenna With RG174 Cable Screw Mounting

### Part No:AC-GPS/LTE-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 4G combined with a GPS antenna, Housed in a rugged low profile ABS resistant, this antenna is compact and resistant to Vandalism.

This antenna for 4G/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

<b>GPS Part:</b>	<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	
<b>LTE Part:</b>	Frequency range	698-960/1710-2700MHz
	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°C~+80°C
	Humidity	55%-75%RH
	Waterproof	IP67
	Antenna Radome Material	ABS
	Mounting way	Screw Mount
	Antenna Dimension	Φ50x49mm
	Weight	108g
	RoHS Compliant	YES