

GPS/GSM Combination Screw Mount Antenna

Part No:AC-GPS/GSM-03

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

GPS Part:	Dielectric Antenna	
	Frequency Range	1575.42MHz±3MHz
	Polarization Type	RHCP
	Gain	5dBi
	V.S.W.R	<1.5
	Impedance	50Ω
	LNA	
	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°C~+80°C
	Humidity	55%-75%RH
	Waterproof	IP65
	Antenna Radome Material	ABS
	Mount way	Screw
	Antenna Dimension	Φ80x15mm
	Weight	150g
	RoHS Compliant	YES