

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:	Dielectric Antenna	
	Frequency Range	1575.42MHz±3MHz
	Polarization Type	RHCP
	Gain	2dBi
	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℃~+80'℃
	Humidity	55%-75%RH
	Waterproof	IP67
	Antenna Radome Material	ABS
	Mounting way	Screw Mount
	Antenna Dimension	Φ50x49mm
	Weight	108g
	RoHS Compliant	YES