

GNSS 4G/LTE WIFI 3 in 1 Combination Antenna With SMA Cable

Part No: GPS/GSM/WIFI-01

1. Introduction

The GNSS 4G/LTE 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		
GNSS Part:	Dielectric Antenna	
	Frequency Range	1575.42MHz±3 MHz/1602-1610MHz
	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	2.0:1
	Voltage	2.7/3.0/3.3/5.0/3.0 to 5.0 etc.
	Current Consumption(mA)	11 Max
LTE Part:	Frequency range	698-960/1710-2700MHz
	V.S.W.R	2.0:1
	Gain	3dBi
	Polarization	Linear
	Impedance	50Ω
WIFI Part:	Frequency range	2400-2483MHz
	V.S.W.R	<2.0
	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
	Mounting way	Self Adhesive or Magnetic
	Antenna Dimension	Φ80×14 mm
	Weight	230g
	RoHS Compliant	YES