

Wireless M2M Solutions 2 in 1 Combination Antenna

Part No:AC-GPS(GLONAS)/WIFI-BQX

1. Introduction

The 2in1 GPS(Glonass)/WIFI antenna is a low profile,heavyduty, waterproof reach IP67.

It use by RF professionals in telematics, transportation and remote monitoring applications.

It combines the highest possible efficiency and peak gain in GPS/WIFI in a low profile compact format for mounting via high quality first tier

For installation combines 3M adhesive foam,screw mount together.



2. Specification

Electrical

GPS Part:	Dielectric Antenna	
	Frequency Range	1575.42MHZ±3 MHz/1602-1610MHz
	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	
WIFI Part:	Frequency range	2.4/5GHZ
	V.S.W.R	<2.5
	Gain	3dBi
	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
	Mount way	Wall Mount
	Antenna Dimension	Φ143.6x65mm
	Weight	440g
	RoHS Compliant	YES