

GPS GLONASS 1575.42MHz 1602MHz Active Antenna

Part No:AC-GPS/GLONASS-08

1. Introduction

AC-GPS/GLONASS-08, is a dual-band antenna covering both GPS and GLONASS frequencies. Its proprietary filtering design allows wide band coverage while achieving superior out-of-band rejection.

This antenna comes in an all-plastic ,non-corrosive,non-corrosive low profile package for vehicle mounting or fixed installations.This antenna is ideal for any global GPS/GLONASS tracking or time synchronization application that requires an externally mounted antenna.



2. Specification

Electrical

Dielectric Antenna	Frequency	1575MHz/1602MHz
	Center Frequency	1590MHz
	V.S.W.R	<1.5
	Band width	±3MHz
	Impedence	50Ω
	Peak Gain	5dBic Min/1575MHz
	Gain Coverage	≥- 4dBic at -90°~90°(over75% volume)
	Polarization	RHCP
LNA	LNA Gain(Without cable)	28dB Typical
	Noise Figure	1.5dB
	Filter Out Band Attenuation	12dB Min f0+50MHz 16dB Min f0-50MHz
	V.S.W.R	<2.0
	DC Voltage	2.7V/3.0V/3.3V/5.0V/3.0V to 5.0V/other
	DC current	11mA Max

Mechanical

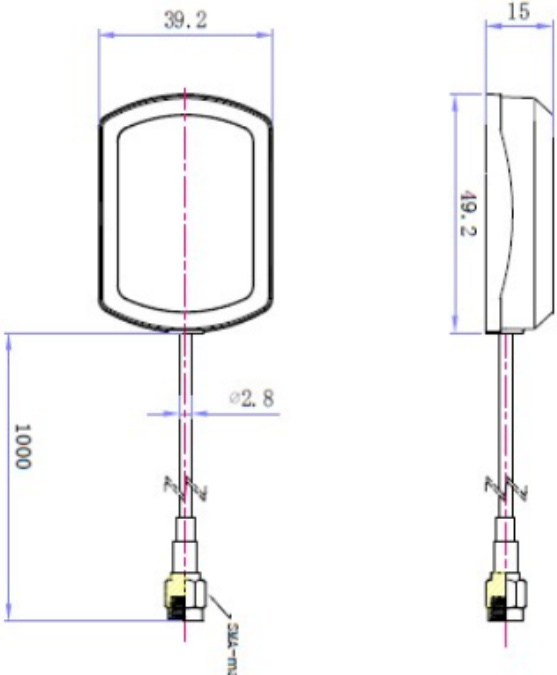
Weight	<100g
Antenna Dimension	49x39x15mm
Cable	RG174
Length	3M
Connector	SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX or ..
Mounting way	Magnetic or Self Adhesive
Housing	Black

Environmental


Operating Temperature	-40°C~+80°C
Storage Temp.	-45°C~+100°C
Vibration	Sine sweep 1g(0-p)10~50~10Hz each axis
Humidity	Humidity95%~100%RH
Weatherproof	IP67
Antenna Radome Material	ABS
RoHS Compliant	YES

3.Drawing

Drawing			Product Type GPS ANTENNA			AC-GPS-08		
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SMA-male Connector

State: Temperature: -45 ~ +125 °C Technology: RoHS									
3							 ASIAN CREATION COMMUNICATION CO.,LTD		
2		STANDARD	P/No:	AC-GPS-08-SMA/1M	Qty	PCS	DR.	YJP	
1			SPEC		Wet	G	VENDER	VVIS	
		MATERIAL	DWG NO.	20110709GPS08	REV	A	CHKD	BEN	
NO.	PARTNAME	DESCRIPTION	SHEET	1/1	UNIT	MM	投影法	DAY	07-09-2011

4.V.S.W.R

