



GPS+GLONASS Active Antenna

Part No:CS GNSS-GPS/GLONASS-08

1. Introduction

CS GNSS-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 4dBi Min/1602-1616MH
	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 other
	Mount way	Magnetic/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