

## RHCP GPS Antenna With RG174 Cable screw mounting

### Part No:AC-GPS-DHG

#### 1. Introduction

GPS antennas AC-GPS-DHG complement 1575 42MHZ Antenna with performance of 28+2 db

Typicalmax(frequency dependentA ground plane is required to maximize gain)

The antenna radome consists of blackABS UV resistant plastic, with a heavy duty metabaseand threaded feed thru

This antenna for GPS applications where high performance is required from small size.

The antenna includes a low noise amplifier and incorporates both screw fixings and stick mount.



## 2. Specification

### Electrical

Antenna	Frequency Range	1575.42MHz±3MHz
	Band Width	CF±5MHz
	V.S.W.R	<1.5
	Polarization Type	RHCP
	Gain	2dBic(Zenith)
	Impedance	50Ω
	Axial Ratio	3dB(max)
	Dimension	25*25*4mm

LNA	Gain	28±2 dB Typical
	Noise Figure	<1.5dB
	DC Voltage	2.2-5.0V
	DC current	5-15mA
	V.S.W.R	<2.0

Mechanical	Housing	White
	Cable	RG174
	Length	3M(Can be customized)
	Connector	SMA Male(Can be customized)
	Antenna Radome Material	ABS
	Mount way	Screw

Environmental	Dimensions	Φ50×49mm
	Weight	80g
	Operating Temperature	-40℃~+80℃
	Humidity	UP to 95%
	Waterproof	IP65-67
	RoHS Compliant	YES