

## GPS Active Navigation Antennas

### Part No:AC-GPS-15

#### 1. Introduction

GPS white marine antenna is designed for boat which require high positioning accuracy by GPS signals, it is durability antenna for outdoor or indoor use.

The active marine antenna is designed for long life in challenging environments. The radome is molded of ABS resin for excellent weatherability.

Antenna cables and connectors are fully customizable.



## 2. Specification

### Electrical

Frequency Range	1575.42MHz±3MHz
Polarization Type	RHCP
Gain	5dBic(zenith)
V.S.W.R	<1.5
Impedance	50Ω
LNA Gain	38dB
Noise Figure	<1.3
Filter Insertion Loss	<3dB
Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
Supply Voltage	3~5V DC
Current Consumption	18~35mA
LNA V.S.W.R	<2.0
Connector	N Male
Antenna Radome Material	ABS
Vibration	10 to 55Hz with 1.5mm amplitude 2hours

### Mechanical

Size	Φ95x74mm
Weight	150g
Operating Temperature	-40℃~+80℃
Relative Humidity	Up to 95%
Waterproof	IP67 (Not include the line port)
RoHS Compliant	YES