

## Rugged Permanent Mount Active GPS Antenna | GA-T2



### GPS Antenna Specification

Center Frequency(CF)	<b>1575.42 MHz <math>\pm</math> 1 MHz</b>
Band width	<b>Center Freq.(CF) <math>\pm</math> 5 MHz</b>
Antenna VSWR	<b><math>\leq</math> 1.5</b>
Axial Ratio	<b>3.0 dB Max.</b>
Gain	<b>2 dBi ( Zenith )</b>
Impedance	<b>50 <math>\Omega</math></b>
Polarization	<b>R.C.H.P</b>

### Product Description

Santa Fe GA-T2 permanent mount GPS antenna is center-single-port, low profile, and designed for installing on flat surface or a bracket with a thread stud in asset or vehicle tracking, fleet management and M2M when GPS location, time or movement status data is needed. Optional high-quality 3M tape can be added to the antenna base bottom to enhance the waterproof feature and installation stability for environment critical applications.

### Highlight

- Surface screw mount
- High-performance of low noise design
- Low profile robust housing
- IP67 water ingress

### Contact Us

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### GPS LNA Specification

Gain	<b>28 dB <math>\pm</math> 2 dBi</b>
Noise Figure	<b>&lt; 1.5</b>
Ex-Band Attenuation	<b>12 dB @ CF + 50 MHz</b> <b>16 dB @ CF - 50 MHz</b>
VSWR	<b>&lt; 2.0</b>
Power Supply	<b>2.2 ~ 5.0 VDC</b>
Current Consumption	<b>5 ~ 15 mA</b>

### Mechanical Specification

Dimension	<b>48(H) x <math>\varnothing</math> 50(Dia.) mm</b>
Connector	<b>SMA(SP) at the end of cable</b>
Cable	<b>RG-174</b>
Cable Length	<b>3 meter / 5 meter (Standard)</b>
Color	<b>Black</b>
Weight:	<b>62g without cable</b>
Mounting	<b>Screw through hole mount</b>
Operation Temperature	<b>-40 °C to +85 °C</b>
Storage Temperature	<b>-40 °C to +85 °C</b>
Relative Humidity	<b>Up to 95%</b>
Vibration	<b>1.5 mm amplitude</b> <b>@ 10 to 55 Hz for 2 hours</b>
Water Proof	<b>IP67</b>
RoHS	<b>Compliant</b>

## Drawing

