



## GPS Antenna Specification

Frequency	<b>1575.42MHz ± 3MHz</b>
Antenna VSWR	<b>≤ 1.5</b>
Axial Ratio	<b>≤ 3.0 db Max.</b>
Antenna Gain	<b>2 dBic(Zenith)</b>
LNA Gain	<b>28±2dB</b>
Noise Figure	<b>≤ 1.5dB</b>
Polarization	<b>R.C.H.P</b>
Impedance	<b>50Ω</b>
Working Voltage	<b>2.2 ~ 5V</b>
Current Consumption	<b>5 ~ 15 mA</b>

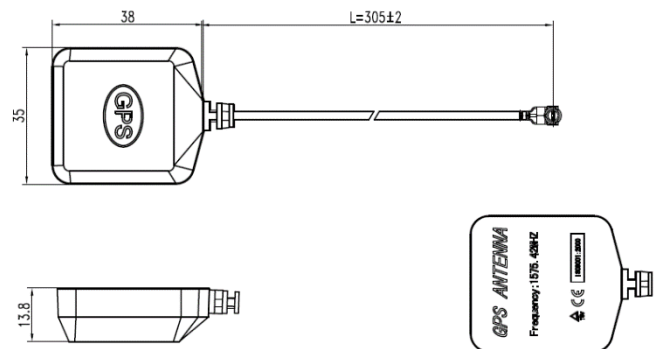
## Mechanical Specification

Dimension	<b>38 x 34 x 13.5mm</b>
Connector	<b>SMA(SP) or other RF connectors</b>
Cable	<b>RG-174</b>
Cable Length	<b>3m or 5m (Standard)</b>
Color	<b>Black</b>
Weight:	<b>&lt; 110g</b>
Mounting	<b>Magnet or Adhesive</b>

## Environmental Data

Working Temperature	<b>-40 °C to +80 °C</b>
Storage Temperature	<b>-40 °C to +85 °C</b>
RoHS	<b>Compliant</b>

## Mechanical Drawing



## Highline

- Magnetic mount for easy mounting on vehicle or roof top. Tape mount is optional.
- Low profile design with optional RF connectors'
- High gain active LNA design with SAW filter

## Product Description

Santa Fe GA-S1 is a low-profile design GPS antenna suitable to be connected to all GPS receivers module from different brands worldwide. The magnet design is easily to mount the antenna on the hood, roof or trunk of any metal vehicle or flat surface. The design is also compact with high gain amplifier. It's very reliable to be used in any of location based applications. 3M adhesive tape instead of magnet is optional.

## Contact Us

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