

## 2J4C01MP

### GPS Magnetic/Adhesive Mount

#### Key Features

GPS/QZSS/Galileo

- 1575-1606 MHz

Magnetic/Adhesive Mount

No Filter

Voltage 2.7 - 5.5 V

Ground Plane Independent

Customizable Cable and Connector

Dimensions 28 x 21.3 x 13/14 mm

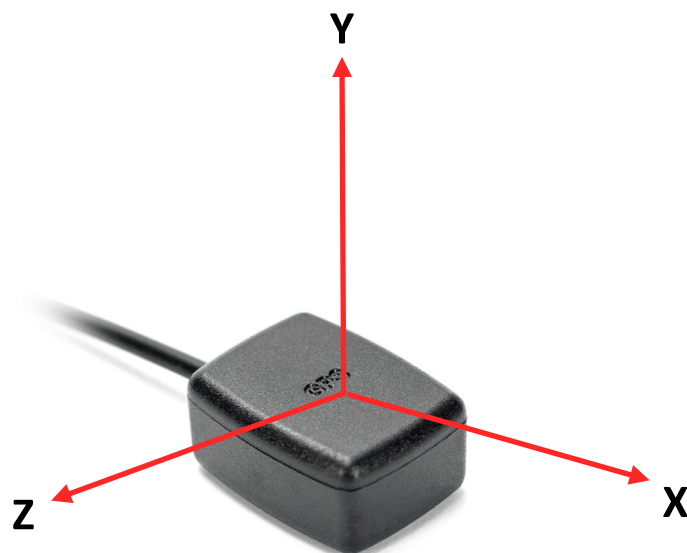


## 1. Antenna and electrical specifications

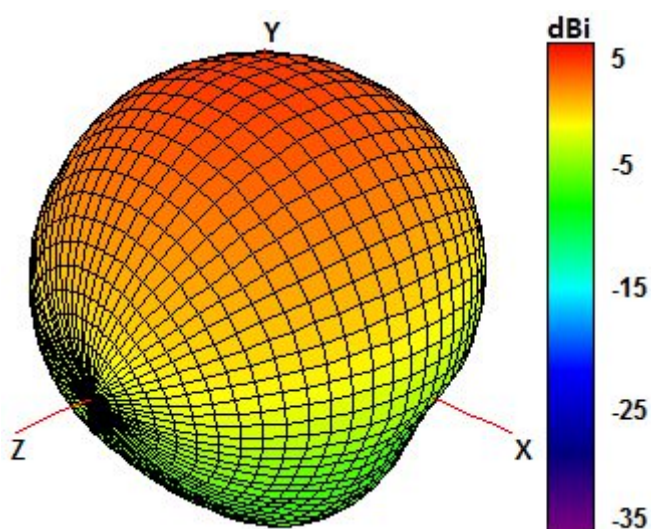
Parameters	GPS Antenna
<b>Standard</b>	GPS/QZSS/Galileo
<b>Band (MHz)</b>	1575
<b>Frequency(MHz)</b>	1575.42
<b>Patch Size (mm)</b>	13 × 13 × 4
<b>Return Loss (dB)</b>	~15 dB
<b>VSWR</b>	~1.5:1
<b>Impedance</b>	50
<b>Radiation Pattern</b>	Hemispherical
<b>Axial Ratio (dB)</b>	3 Max.
<b>Polarization</b>	RHCP
<b>Saw Filter</b>	No Filter
<b>Active Gain (dB)</b>	26-27 @ 3-5 V
<b>Noise Figure (dB)</b>	1.15 @ 5V
<b>Voltage (V)</b>	2.7 - 5.5
<b>Current (mA)</b>	15-25
<b>Power Consumption (mW)</b>	40-138
<b>Connector Type</b>	SMA-Male Standard (Other Connectors Available)
<b>Cable Length</b>	300 cm Standard (Any Cable Length Available)
<b>Cable Type</b>	RG174 Standard (Other Cables Available)

## 2. Mechanical and environmental specifications

Specifications	2J4C01MP
<b>Mounting Type</b>	Magnetic/Adhesive Mount
<b>Dimensions (mm)</b>	28 x 21.3 x 13/14
<b>Radome Type</b>	ABS
<b>Radome Color</b>	Black
<b>Antenna Base</b>	ABS
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

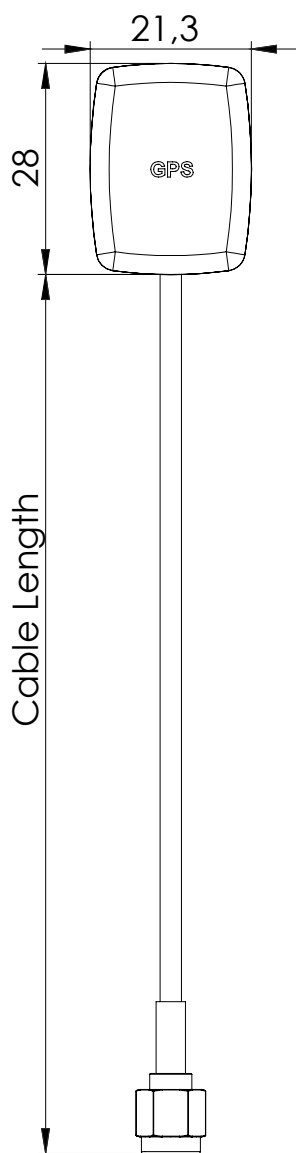
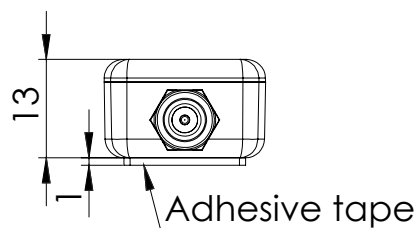


Radiation pattern reference



1575 MHz and 1600 MHz Radiation pattern

### 3. Antenna drawings



## 4. Antenna Images

