

2J4C01P

GPS Adhesive Mount

Key Features

GPS/QZSS/Galileo

- 1575-1606 MHz

Adhesive Mount

No Filter

Voltage 2.7 - 5.5 V

Ground Plane Independent

Customizable Cable and Connector

Dimensions 28 x 21.3 x 14 mm

Certificate: IP67

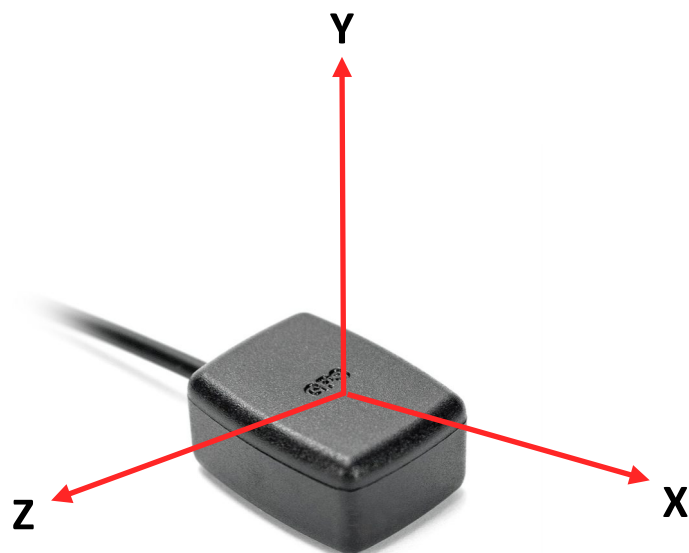


1. Antenna and electrical specifications

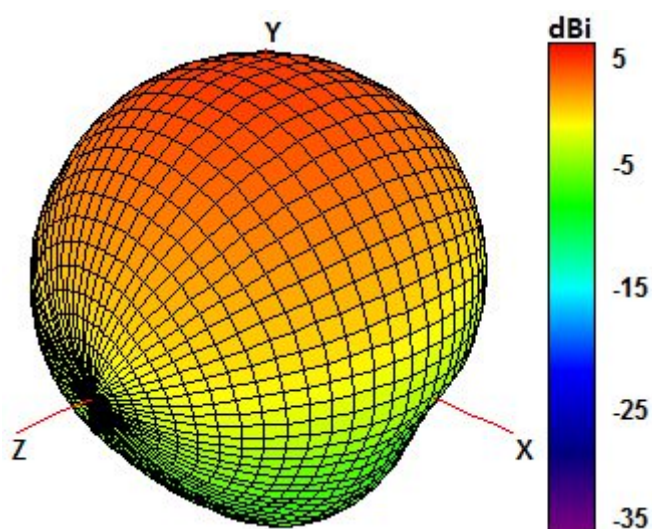
Parameters	GPS Antenna
Standard	GPS/QZSS/Galileo
Band (MHz)	1575
Frequency(MHz)	1575.42
Patch Size (mm)	13 × 13 × 4
Return Loss (dB)	~15 dB
VSWR	~1.5:1
Impedance	50
Radiation Pattern	Hemispherical
Axial Ratio (dB)	3 Max.
Polarization	RHCP
Saw Filter	No Filter
Active Gain (dB)	26-27 @ 3-5 V
Noise Figure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

2. Mechanical and environmental specifications

Specifications	2J4C01P
Mounting Type	Adhesive Mount
Dimensions (mm)	28 x 21.3 x 14
Radome Type	ABS
Radome Color	Black
Antenna Base	ABS
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificate	IP67
Substance Compliance	RoHS

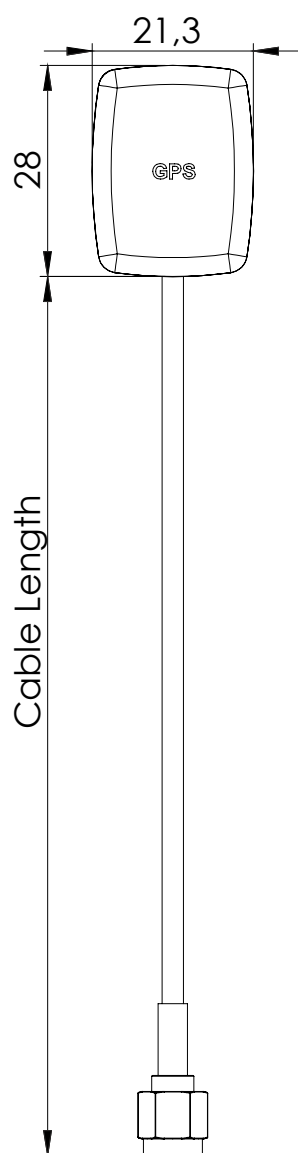
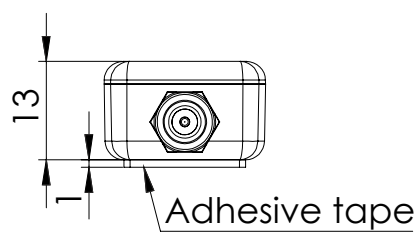


Radiation pattern reference



1575 MHz and 1600 MHz Radiation pattern

3. Antenna drawings



4. Antenna Images

