

Product Datasheet

GPS Magnetantenne Passiv

GPS/GLONASS Adhesive/Magnetic Mount

Key Features

GPS/GLONASS/QZSS/Galileo

- 1575-1606 MHz

Adhesive/Magnetic Mount

Ground Plane Independent

Customizable Cable and Connector

Dimensions 41 x 34 x 13.5/14.5 mm

Certificate IP67

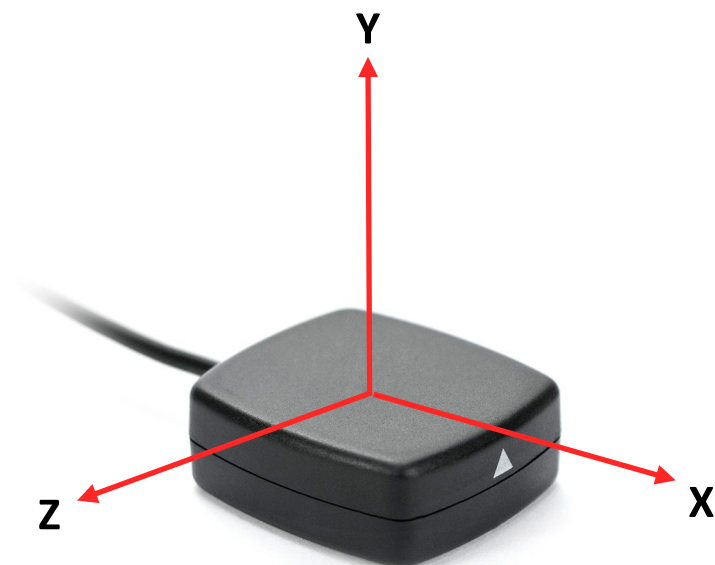


1. Antenna and electrical specifications

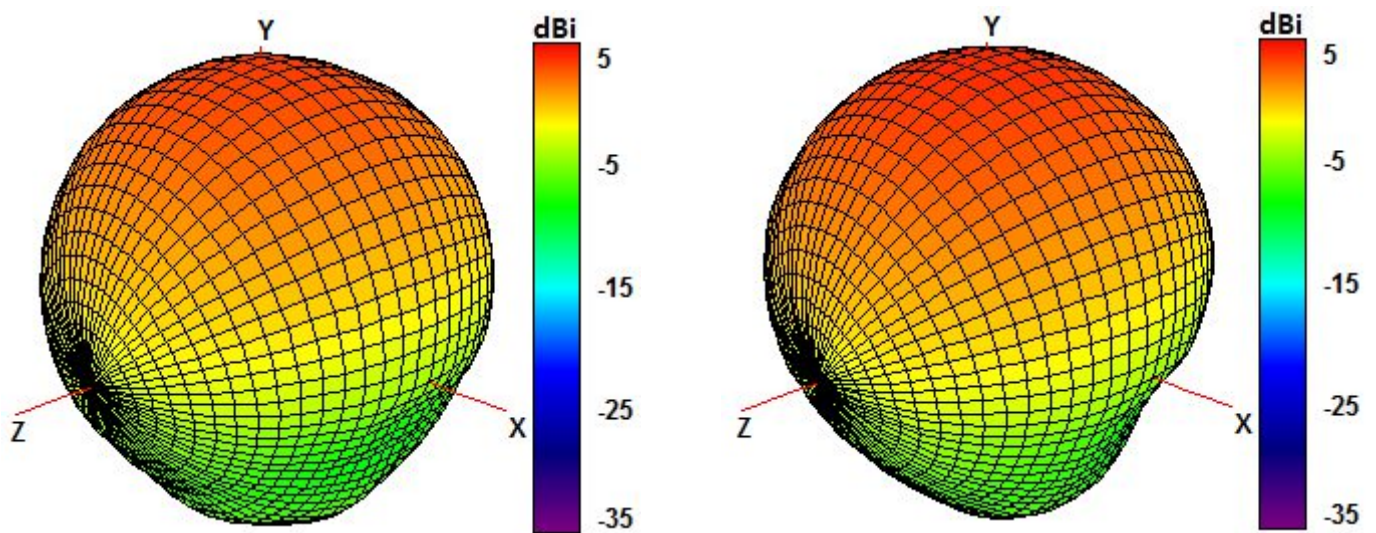
Passive Parameters	GPS/GLONASS Antenna	
	GPS/QZSS/Galileo	GLONASS
Standards		
Bands (MHz)	1575	1602
Frequency (MHz)	1575.42	1598-1606
Return Loss (dB)	<=-20	<=-15
VSWR	<=1.2:1dB	<=1.4:1dB
Efficiency (%)	~65	~68
Peak Gain (dBiC)	~3.6	~3.9
Average Gain (dB)	~1.8	~-1.6
Impedance (Ohm)	50	
Polarization	RHCP	
Radiation Pattern	Hemispherical	
Connector Type	SMA-Male Standard (Other Connectors Available)	
Cable Length (m)	300 cm Standard (Any Cable Length Available)	
Cable Type	RG174 Standard (Other Cables Available)	

2. Mechanical and environmental specifications

Specifications	
Mounting Type	Adhesive/Magnetic Mount
Dimensions (mm)	41 x 34 x 13.5/14.5
Random Type	ABS
Random Color	Black
Antenna Base	ABS
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificate	IP67
Substance Compliance	RoHS

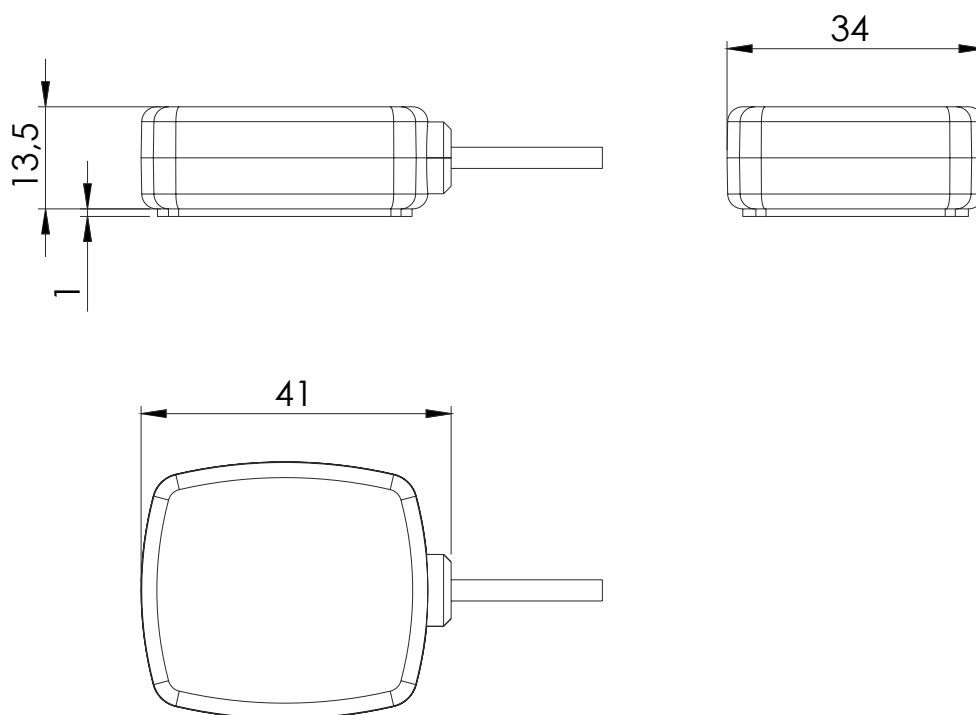


Radiation pattern reference



1575 MHz and 1600 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

