

2J7401MGF

GPS/GLONASS Magnetic Mount

Key Features

GPS/GLONASS/QZSS/Galileo

- 1575-1606 MHz

Magnetic Mount

Pre-Filter

Ground Plane Independent

Customizable Cable and Connector

Dimensions $\varnothing 54 \times 14.7$ mm

Certificates: IP67, IP69K



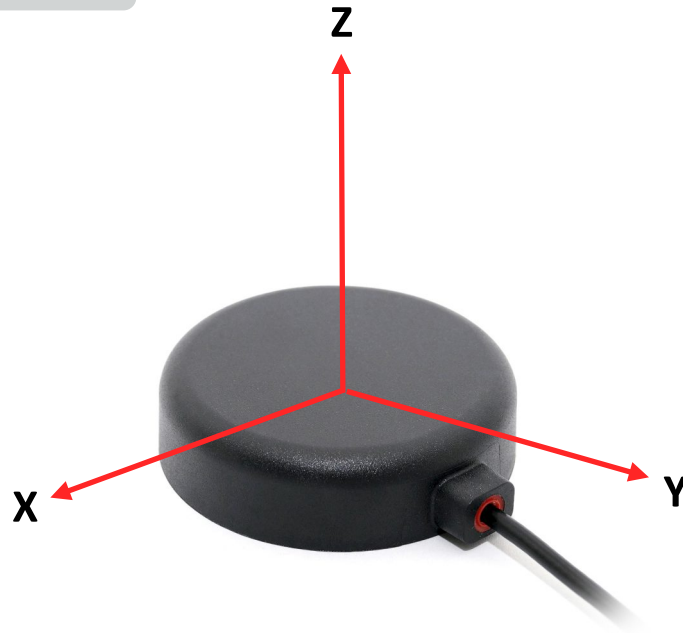
1. Antenna and electrical specifications

Parameters	GNSS Ceramic Active Antenna	
	GPS/QZSS/Galileo	GLONASS
Standards	GPS/QZSS/Galileo	GLONASS
Band (MHz)	1575	1602
Frequency (Mhz)	1575.42	1598-1606
Patch Size (mm)	25 x 25 x 4	
Return Loss (dB)	<=-15.0 dB	
VSWR	<=1.4:1 dB	
Impedance (Ohms)	50	
Radiation Pattern	Hemispherical	
Polarization	RHCP	
Active Gain (dB)	28dB @ 2.7V	
Noise Figure (dB)	1.8 @ 2.7V	
Voltage Range (V)	1.5 - 3.6	
Current Consumption (mA)	9 @ 2.7V	
Saw Filter Type	Pre-Filter	
Out of Band Rejection (dB)	~43	
ESD Protection (kV)	6	
Connector Type	SMA-Male Standard (Other Connectors Available)	
Cable Length	300 cm Standard (Any Cable Length Available)	
Cable Type	LL100	

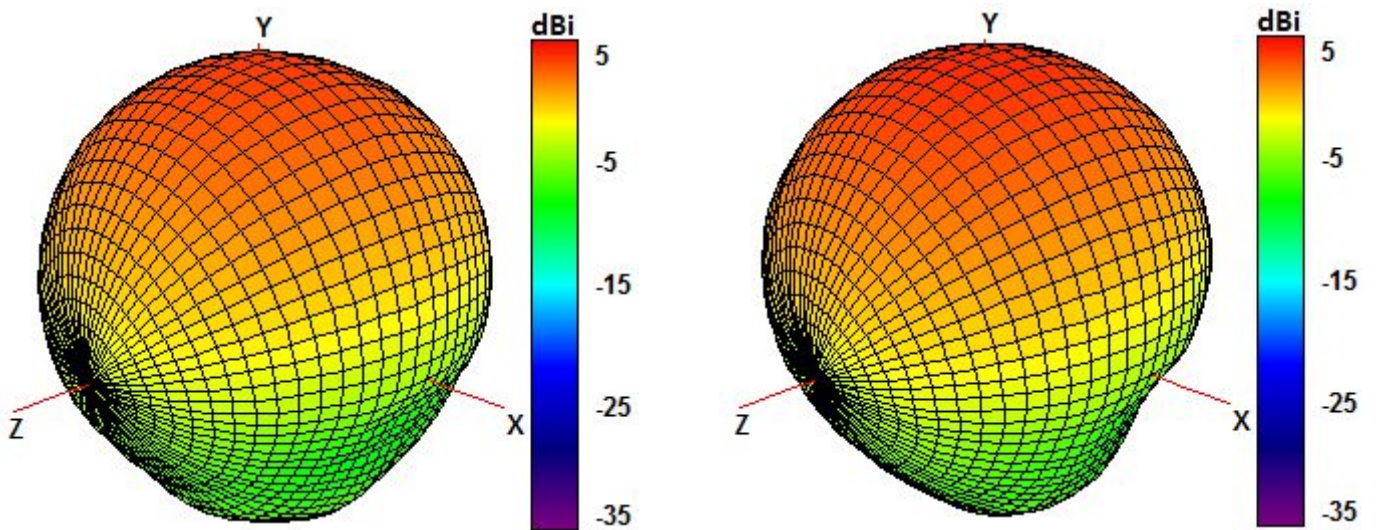
2. Mechanical and environmental specifications

Specifications	2J7401MGF
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 54 × 14.7
Random Type	PC+ASA
Random Color	Black
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Certificates	IP67, IP69K
Substance Compliance	RoHS

3. Antenna parameters

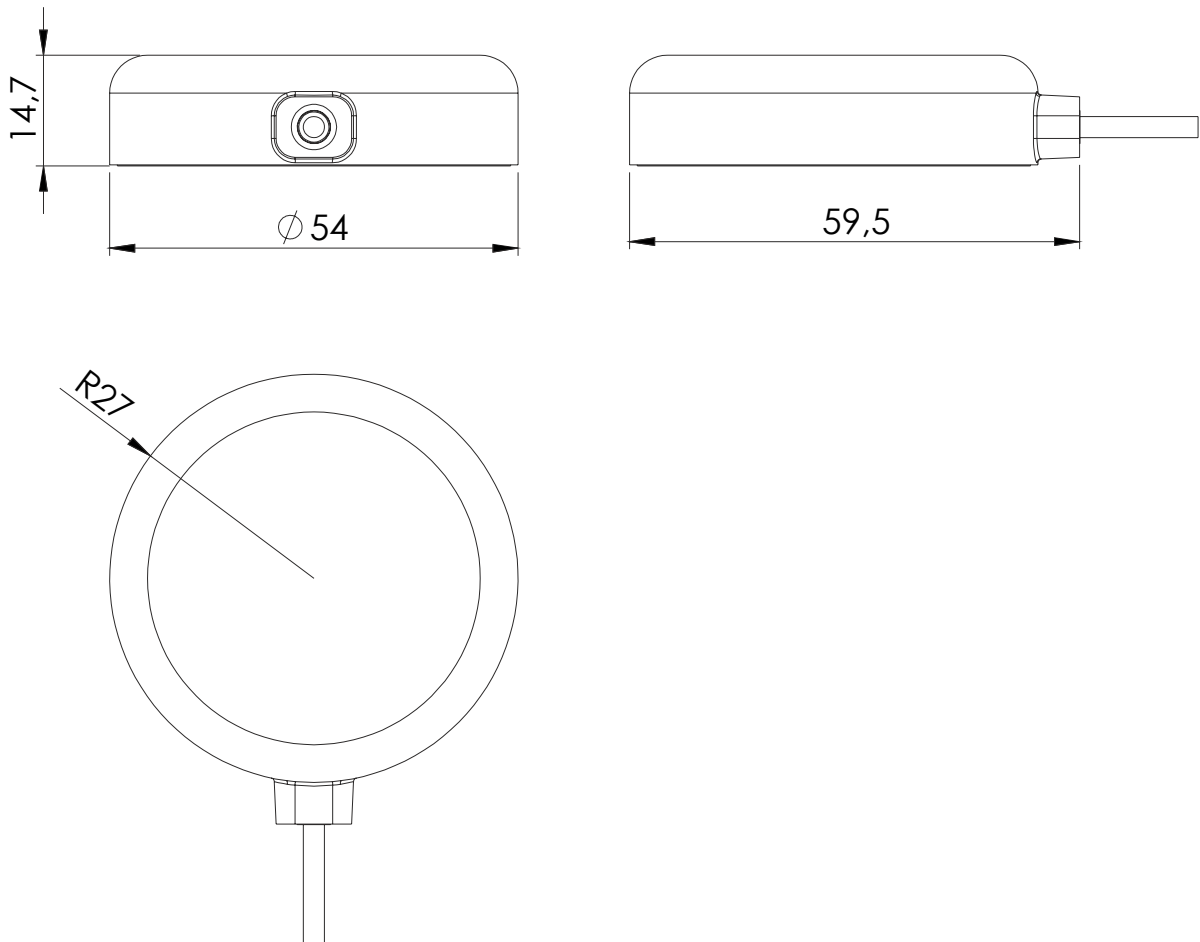


Radiation pattern reference



1575 MHz and 1602 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

