

2JM001F

GNSS Ceramic Active Antenna

Key Features

GPS/QZSS/Galileo

- 1575 MHz

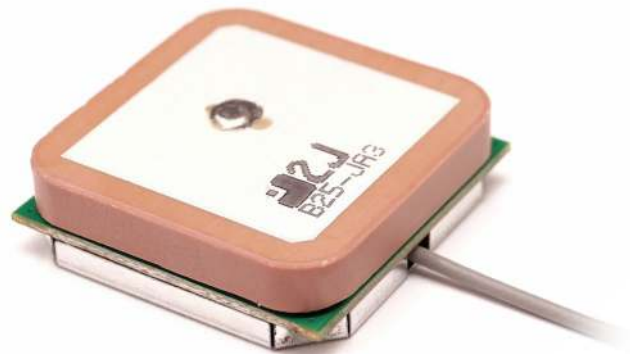
25 dB Gain

Pre-Filter

High voltage

Ground Plane Independent

Dimensions 25 x 25 x 7.7 mm



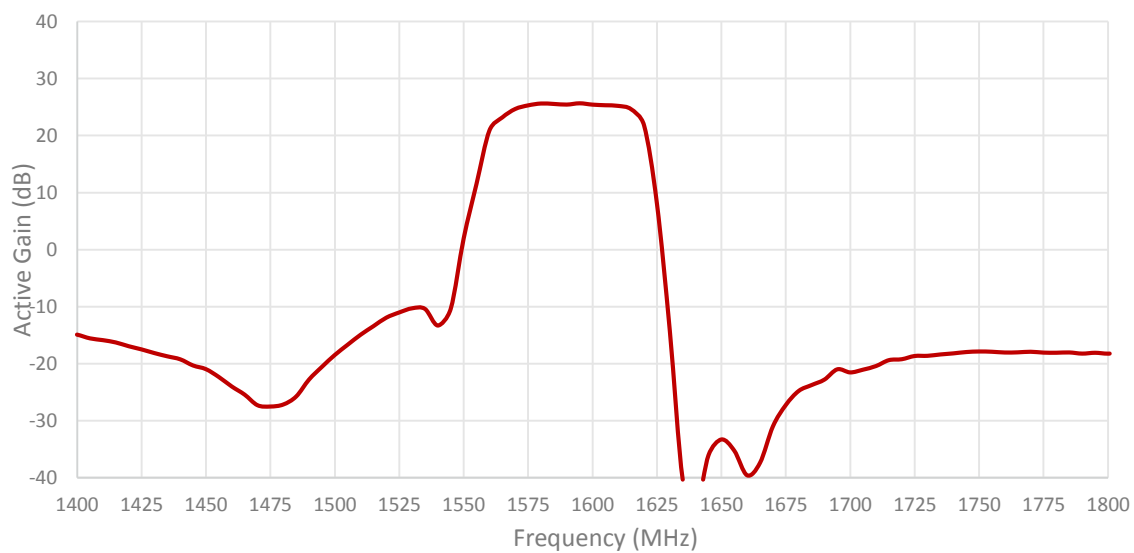
1. Antenna and electrical specifications

Parameters	GNSS Ceramic Active Antenna
Standards	GPS/QZSS/Galileo
Bands (MHz)	1575
Frequency (MHz)	1575.42
Passive Gain (dBi)	~3.6
Impedance (Ohms)	50
Radiation Pattern	Hemispherical
Voltage Range (V)	3.0 - 5.0
Active Gain (dB)	25 @ 5.0 V
Noise Figure (dB)	2.5 @ 5.0 V
Current Consumption (mA)	20 @ 5.0 V
Power Consumption (mW)	100 @ 5.0 V
Saw Filter Type	Pre-Filter
Out of Band Rejection (dB)	43
ESD Protection (kV)	2
Connector Type	U.FL Standard (Other Connectors Available)
Cable Length	100 mm Standard (Any Cable Length Available)
Cable Type	1.37 mm Mini-Coax Standard (Other Cables Available)

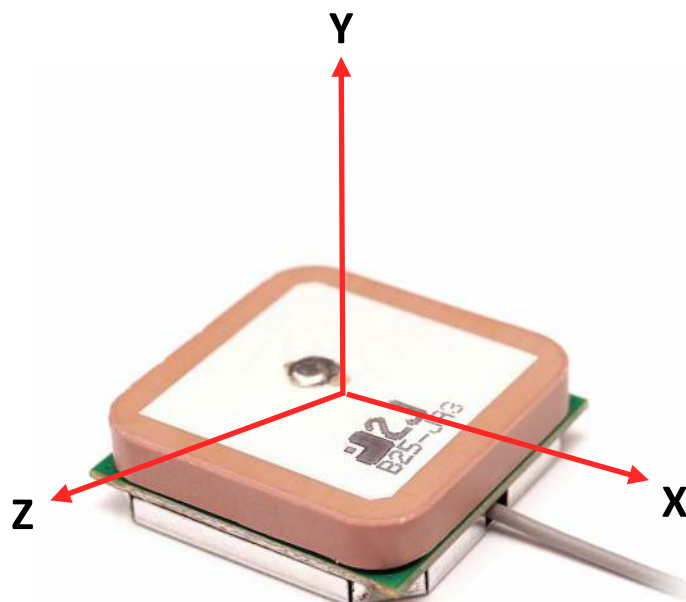
2. Mechanical and environmental specifications

Specifications	2JM001F
Dimensions (mm)	25 × 25 × 7.7
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS

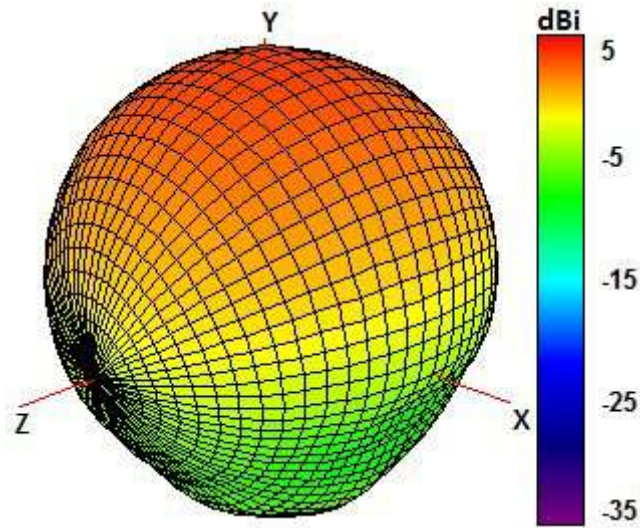
3. Antenna parameters



* Measured at 5.0 V

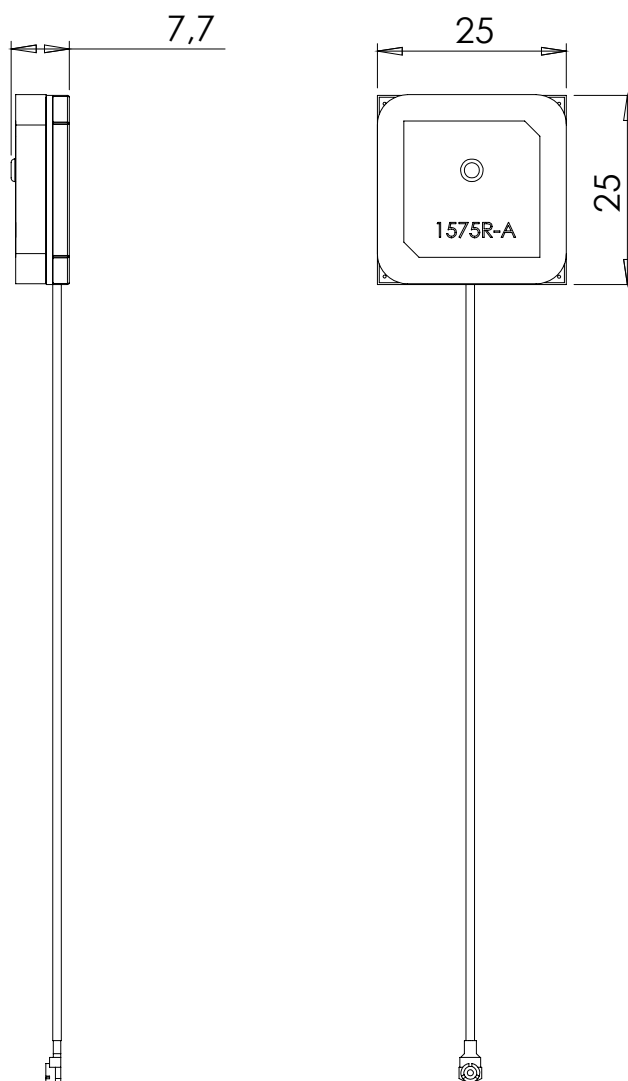


Radiation pattern reference



1575 MHz Radiation pattern

4. Antenna drawings



5. Antenna Images

