

AMC-ANT-2JM2001GF

GNSS ceramic active antenna

Features

- GPS/GLONASS/QZSS/Galileo:
 - 1575 – 1606MHz
- Mid-filter
- 28dB gain
- Low noise figure
- Low power consumption
- Ground plane independent
- Dimensions: 13 x 13 x 6.6mm
- Customisable cable length and connector



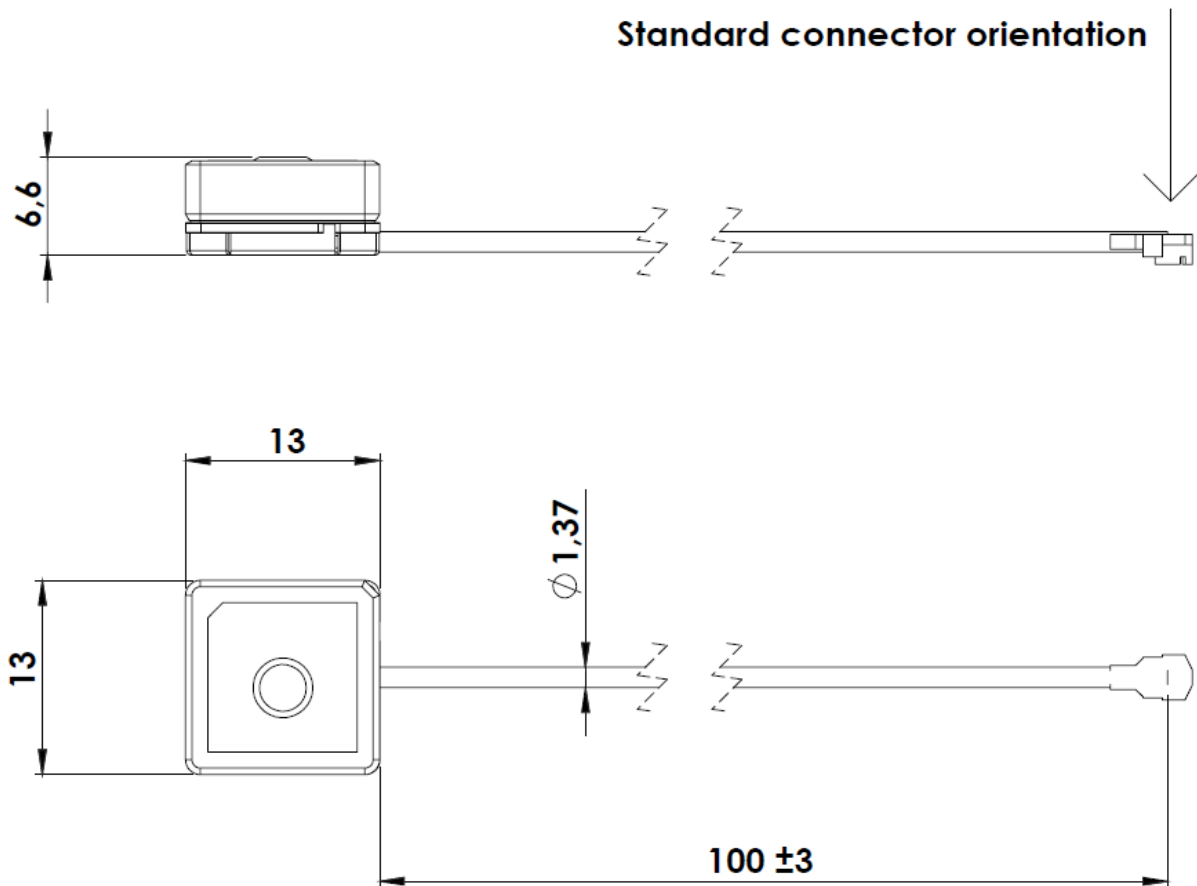
1. Antenna and electrical specifications

Parameters	GNSS ceramic active antenna	
Standards	GPS/QZSS/Galileo	GLONASS
Band (MHz)	1575	1602
Frequency (MHz)	1575.42	1598 - 1606
Passive gain (dBi)	~2.0	
Impedance (Ohms)	50	
Radiation pattern	Hemispherical	
Voltage range (V)	1.5 – 3.6	
Active gain (dB)	28 @ 2.7V	
Noise figure (dB)	1.0 @ 2.7V	
Current consumption (mA)	9 @ 2.7V	
SAW filter type	Mid-filter	
Out of band rejection (dBc)	43	
ESD protection (kV)	2	
Connector type	U.FL standard (other connectors available)	
Cable length	100mm standard (other cable lengths available)	
Cable type	1.37mm mini-coax standard (other cable types available)	

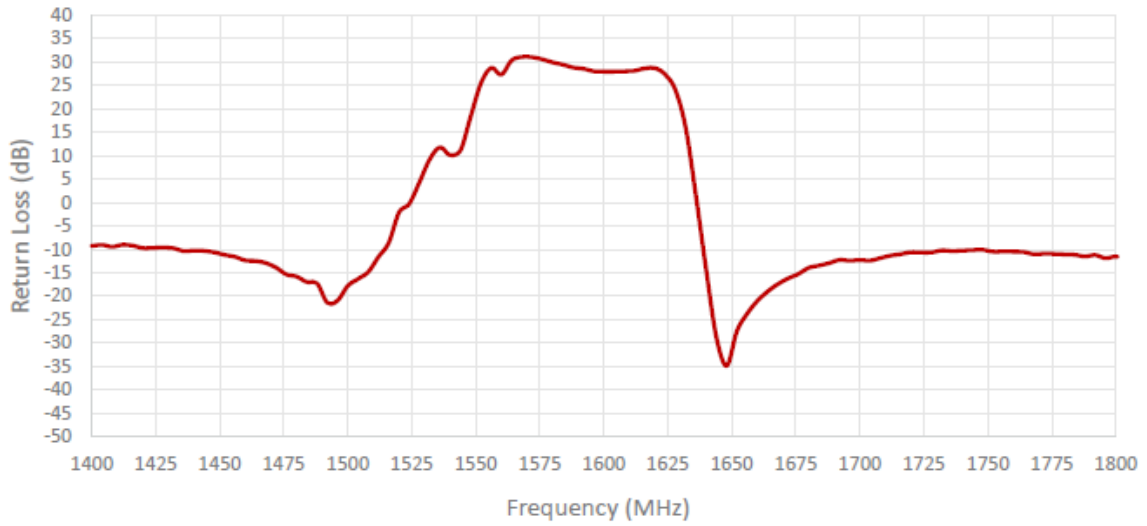


2. Mechanical and Environmental Specifications

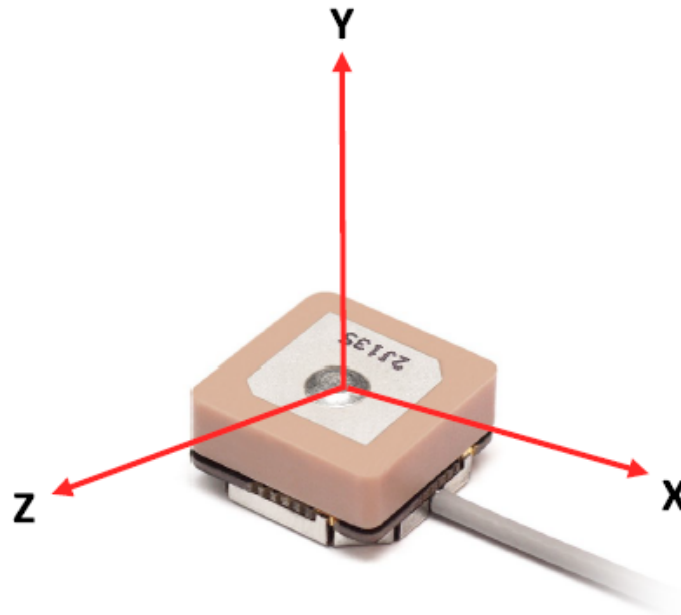
Dimensions (mm)	13 x 13 x 6.6
Operating temperature (°C)	-40 to +85
Storage temperature (°C)	-40 to +85
Substance compliance	RoHS



3. Antenna parameters



* Measured at 2.7 V



Radiation pattern reference

