antenna conceptor

Product Datasheet

2J6601B

GPS Screw Mount



Key Features

GPS/QZSS/Galileo
- 1575 MHz
Screw Mount
Low Profile
Anti-Rotation Mechanism
Ground Plane Independent
Customizable Cable and Connector
Dimensions Ø 77.3 × 15 mm
Certificates: IP67, IP69K

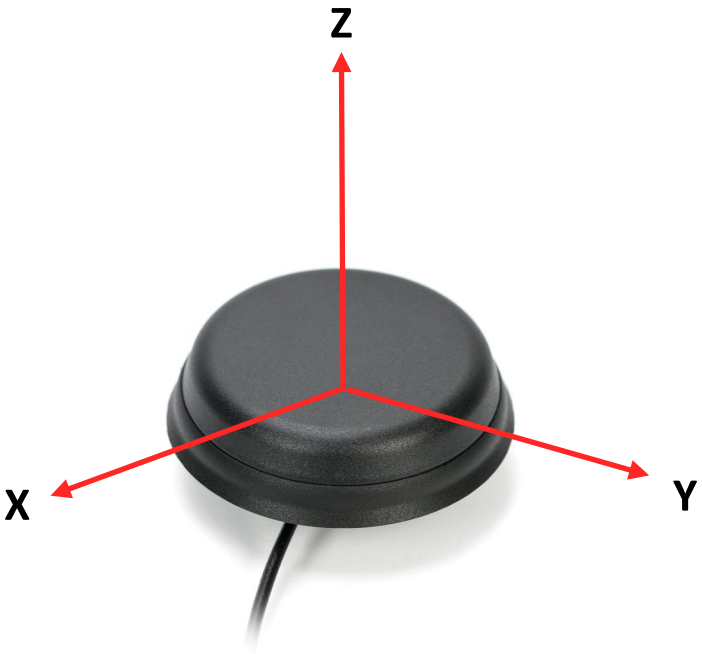
1. Antenna and electrical specifications

Active Parameters	GPS Antenna
Standards	GPS/QZSS/Galileo
Bands (MHz)	1575
Frequency (MHz)	1575.42
Impendance (Ohm)	50
Radiation Pattern	Hemispherical
Active Gain (dB)	28 dB @ 5V
Voltage (V)	1.8 – 5.0
Current (mA)	25mA @ 5V
Power Consumption (mW)	138 Max
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length (m)	300cm Standard (Any Cable Length Available)
Cable Type	RG174 Standard (Other Cables Available)

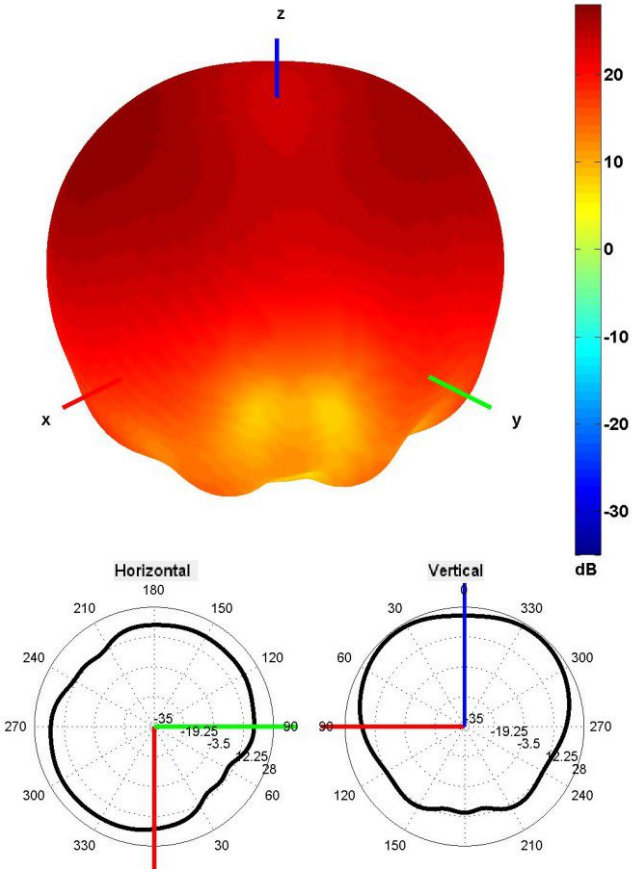
Antenna Measurement Conditions:
Mounted on 30 x 30 cm Ground Plane
200 cm RG174 Cable
Measured in Certified CTIA 3D Anechoic Chamber

2. Mechanical and environmental specifications

Specifications	2J6601B
Mounting Type	Screw Mount
Dimensions (mm)	Ø 77.3 × 15
Radome	ASA
Radome color	Black or White
Antenna Base	Zamak
Gasket	TPE
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69K

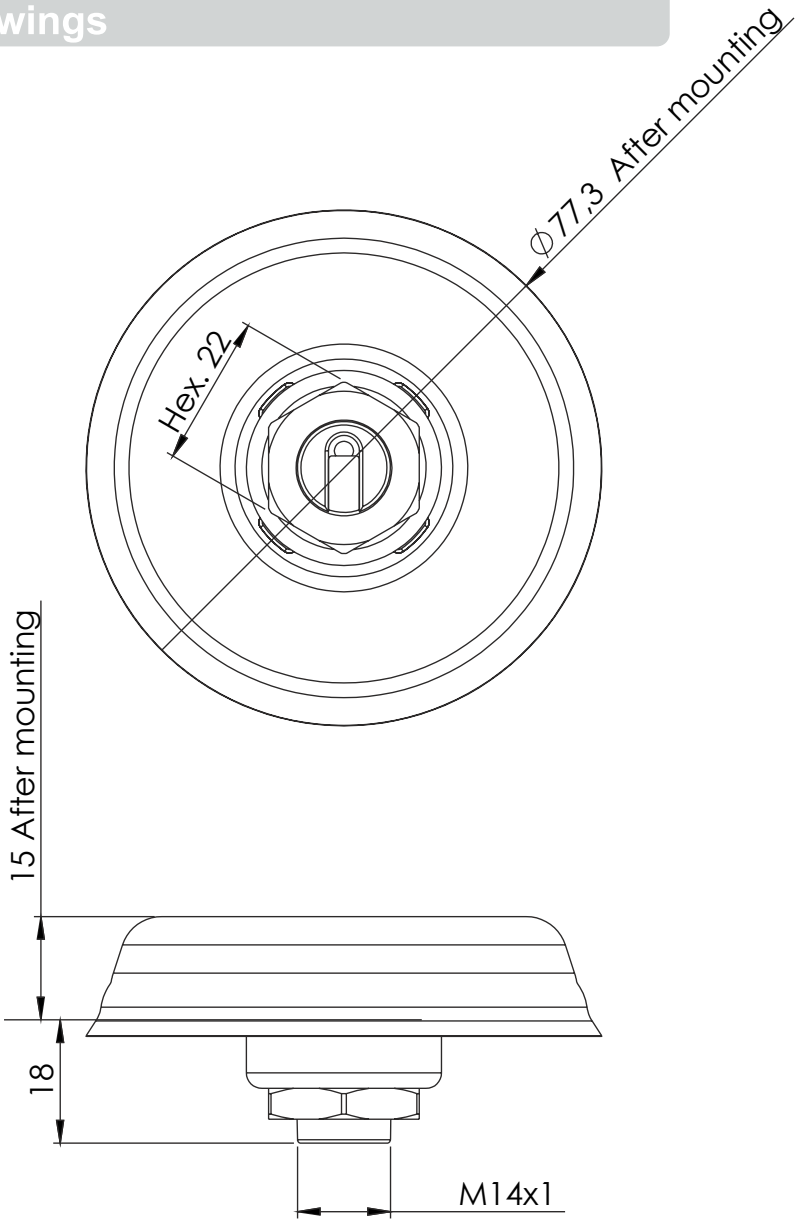


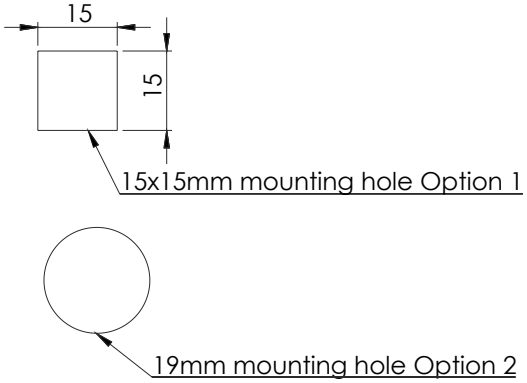
Radiation pattern reference



1575 MHz Radiation pattern

4. Antenna drawings





5. Antenna Images

