antenna conceptor

Product Datasheet

2J7928M

ORBCOMM Magnetic Mount

Key Features

ORBCOMM
- 137-150 MHz
Magnetic Mount
High Performance
Ground Plane Dependent
Customized Cable and Connector
Dimensions Ø 54 × 406 mm
Certificates IP67, IP69

1. Antenna and electrical specifications

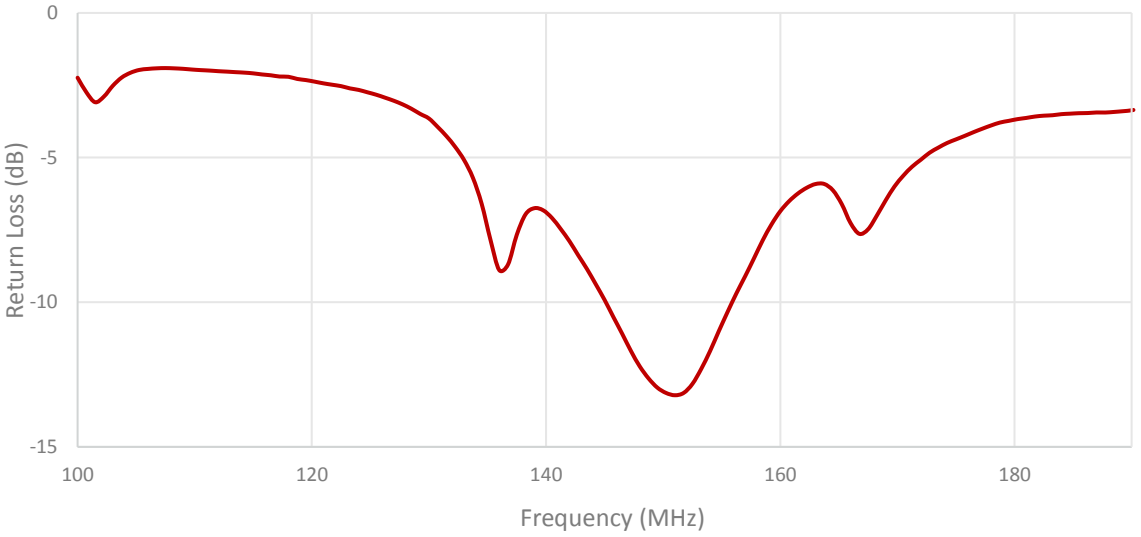
Parameters	ORBCOMM Antenna
Standards	ORBCOMM
Band (MHz)	143.5 MHz
Frequency (MHz)	137-150
Return Loss (dB)	~-9.4
VSWR	~2.1:1
Peak Gain (dBi)	~2.4
Impendance (Ohm)	50
Polarisation	Linear
Radiation Pattern	Omni-Directional
Max. Input Power (W)	25
Connector Type	SMA-Male Standard (Other Connectors Available)
Cable Length	300 cm Standard (Any Cable Length Available)
Cable Type	LL100 Standard (Other Cables Available)

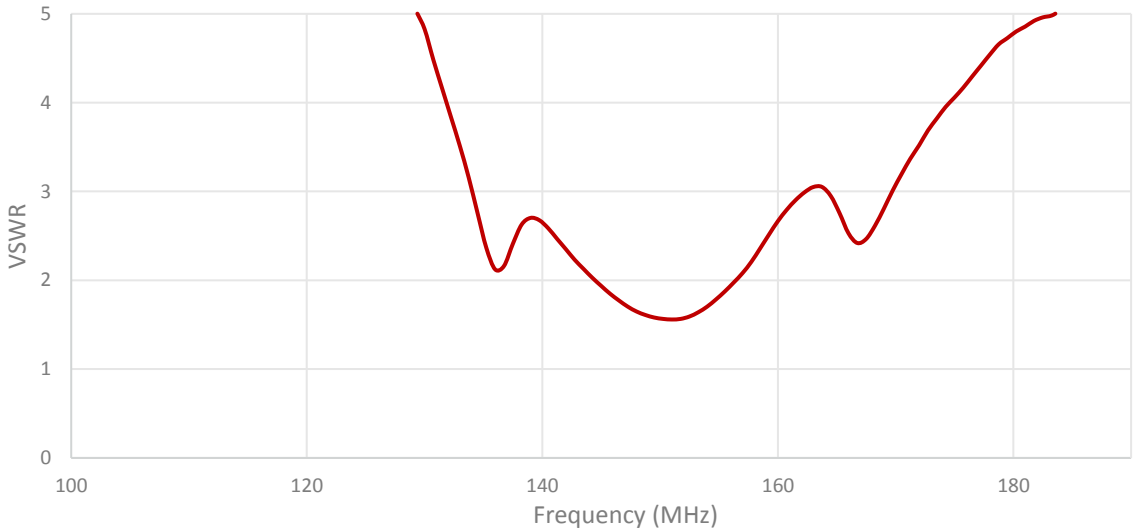
Antenna Measurement Conditions:
Mounted on 60 x 60 cm Metal Plate
200 cm LL100 Cable

2. Mechanical and environmental specifications

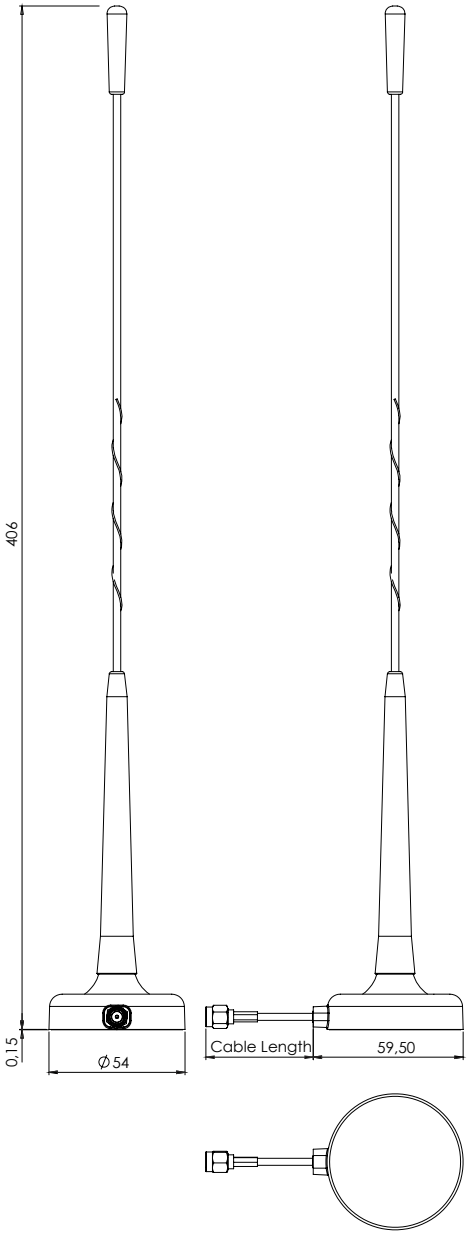
Specifications	2J7928M
Mounting Type	Magnetic Mount
Dimensions (mm)	Ø 54 × 406
Radome	ASA
Radome color	Black
Antenna Base	Zamak
Operating Temperature (C)	-40 to +85
Storage Temperature (C)	-40 to +85
Substance Compliance	RoHS
Certificates	IP67, IP69K

3. Antenna parameters





4. Antenna drawings



Note: Dimensions are in milimeters

5. Antenna Images