



PRODUCT DATASHEET

MG-GLONASS-5mSMA

Type GPS/GLONASS External Antenna
Frequencies 1575.42MHz / 1601-1610MHz
Mounting Screw
Brand Name MG ANTENNAS



Revision #	Content	Page	Date
0	First, document	-	01.02.2022

1. SPECIFICATION

1.1 Electrical Specifications

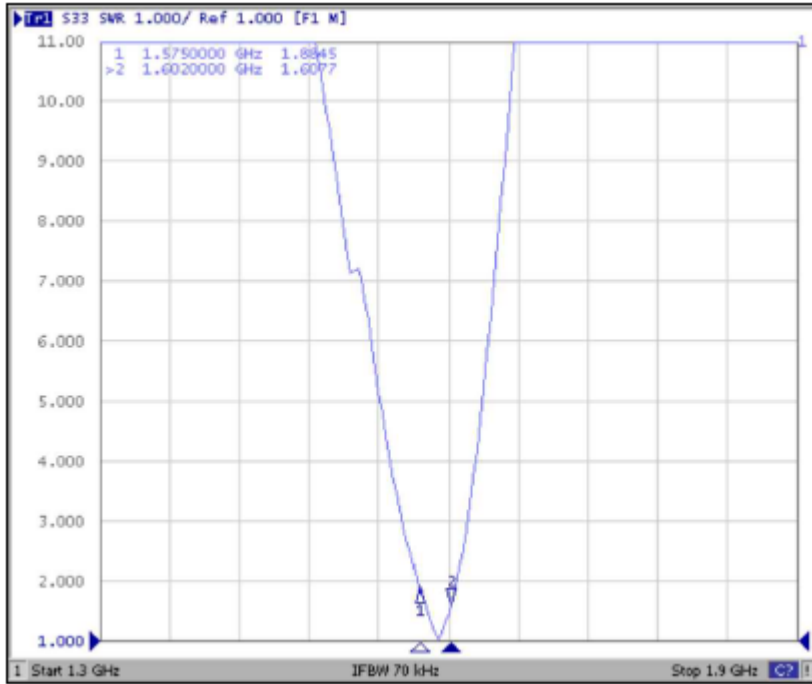
Frequency	GPS 1575.42 MHz GLONASS 1601-1610 MHz
Polarization	RHCP
Noise-Figure	<2dB(+25°C±10°C)
Axial ratio (antenna)	3dB (max)
Gain LNA	28±2dB
Supply Voltage	3~15V DC
VSWR	1.5 :1
Impedance	50 Ω
Current Consumption	<15mA

1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 5m or other*
Connector	SMA male or other*
H.S Tube	Heat shrink tube
Housing Color	ABS Black
Mounting	Screw /M12
Dimensions	45 x 16 x 12 mm
Operating/ Storage Temperature	- 40 °C ~ + 85 °C
Ingress Protection	IP67 (exclude cable outlet)
Vibration	10 to 55Hz with 1.5mm amplitude 2hours

* Customizable Cable and Connector

2. MEASUREMENT



3. DIMENSIONS

