



PRODUCT DATASHEET

MG-GLONASS-868-SMA-2M

Type	Combination Antenna 2in1 Glonass/GPS+LORA
Frequencies	1575.42-1602 & 868 MHz
Mounting	Screw
Brand Name	MG ANTENNAS



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1. SPECIFICATION

1.1 Electrical Specifications

Cable 1- Glonass/GPS

Frequency	1575.42 /1602.562 MHz
Polarization	RHCP
Peak Gain	2.0 dBi
LNA Gain	28±2 dBi
VSWR	1.5 :1
Supply Voltage	3-5V DC
Current Consumption	≥20mA
Impedance	50 Ω

Cable 2- 868 MHz

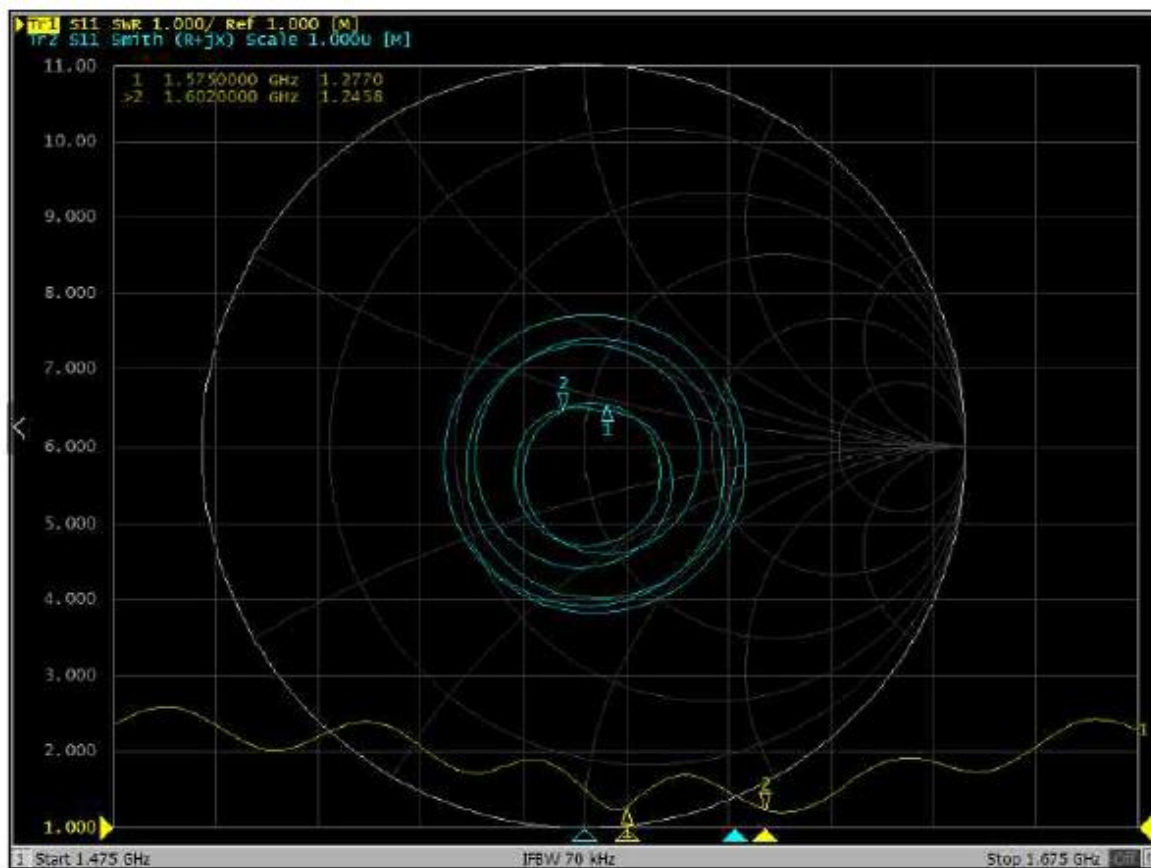
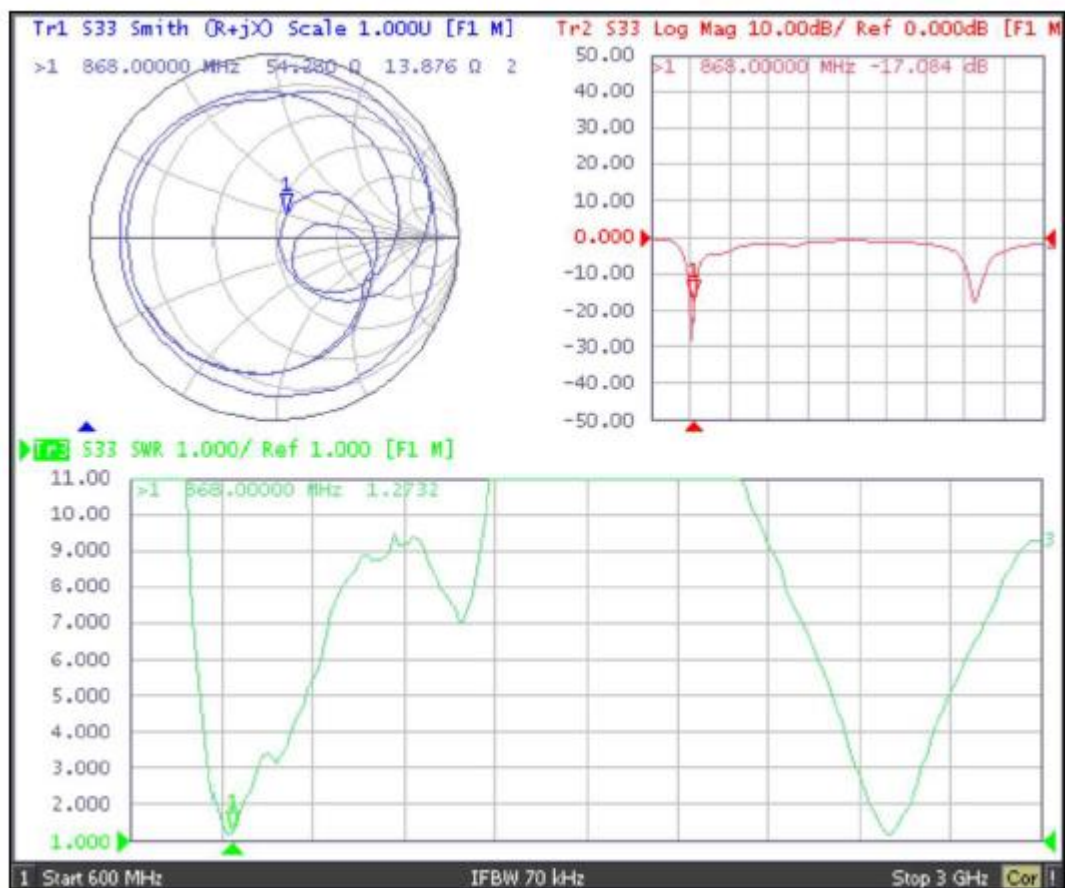
Frequency	868±5 MHz
Polarization	Vertical
Peak Gain	2.0 dBi (Zenith)
VSWR	2.5 :1
Impedance	50 Ω

1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 2m or other*
Connector GPS	SMA male / <i>or other*</i>
Connector GSM	SMA male / <i>or other*</i>
Housing Color	black color, red bottom
Mounting	Screw
Dimensions	81.3 (Ø) x 16 (H) mm
Operating/ Storage Temperature	- 40 ~ + 85 °C
Vibration	10 to 55MHz with 1.5mm amplitude 2 hours
Ingress Protection	IP67 (exclude cable outlet)
Relative Humidity	Up to 95%
Environmentally Friendly	ROHS Compliant

* Customizable Cable and Connector

2. MEASUREMENTS



4. DIMENSIONS

