



PRODUCT DATASHEET

MG-GSM-GNSS-M-3MSMA

Type	Combination Antenna 2in1 Glonass/GPS+GSM
Frequencies	1575.42-1602 / 890-1880 MHz
Mounting	Magnetic
Brand Name	MG ANTENNAS



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1. SPECIFICATION

1.1 Electrical Specifications

Cable 1- GSM

Frequency	890~960/1710~1880 MHz
Polarization	Linear
Peak Gain	2.5 dBic (Zenith)
Max. Input power	25 W
VSWR	2 :1
Impedance	50 Ω

Cable 2- Glonass/GPS

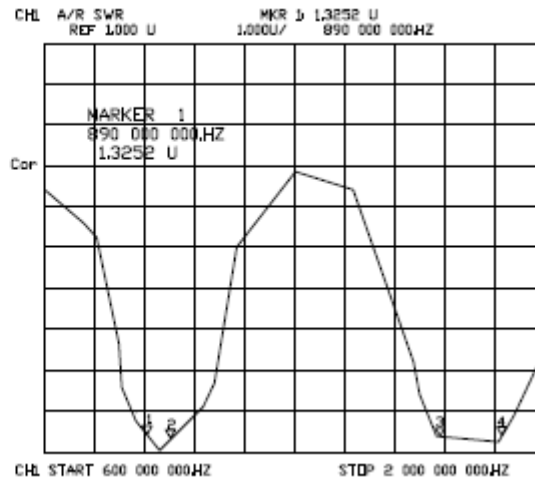
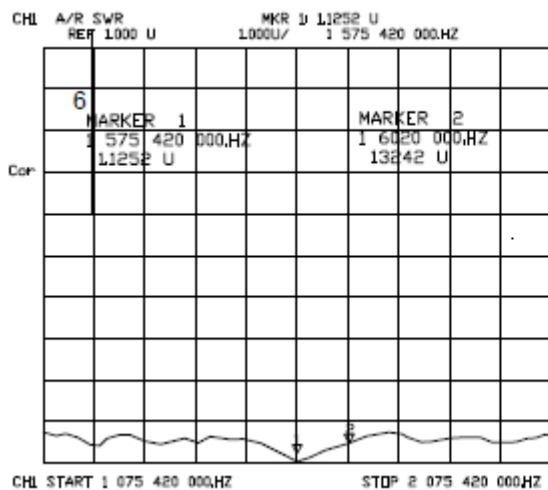
Frequency	1575.42 /1602.562 MHz
Polarization	RHCP
Peak Gain	2.0 dBi
LNA Gain	28 $\pm$ 2 dBi
VSWR	1.5 :1
Supply Voltage	3-5V DC
Current Consumption	$\geq$ 20mA
Impedance	50 Ω

1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 3m <i>or other*</i>
Connector GPS	SMA male <i>or other*</i>
Connector GSM	SMA male <i>or other*</i>
Housing Color	Black
Mounting	Magnetic/3M
Dimensions	80.0 ($\varnothing$) x 16.0 (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



3. DIMENSIONS

