



PRODUCT DATASHEET

# MG-G3400

## High Efficiency antenna

**Type** GPS/GLONASS External  
**Frequencies** 1575 - 1606MHz  
**Mounting** Pole mounting  
**Brand Name** MG ANTENNAS



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# 1. SPECIFICATION

## 1.1 Electrical Specifications

<b>Frequency</b>	GPS / GLONASS 1575 - 1606MHz
<b>Band Width</b>	30 MHz
<b>Polarization</b>	RHCP
<b>VSWR</b>	1.5 :1
<b>Noise-Figure</b>	2.5dB (+25°C±10°C)
<b>Gain Antenna</b>	2.0dBic
<b>Gain LNA</b>	41dB
<b>Supply Voltage</b>	2.7~10V DC
<b>DC current</b>	7-25mA
<b>Impedance</b>	50 Ω

## 1.2 Mechanical and Environmental Specification

<b>Connector</b>	TNC
<b>Housing Color</b>	ABS White
<b>Mounting</b>	M18x1thread Through hole mount 3/4" (19mm)
<b>Dimensions</b>	66.5 x H47.7 x 30 mm
<b>Operating/ Storage Temperature</b>	- 40 °C ~ + 85 °C
<b>Ingress Protection</b>	IP67 weather proof housing
<b>Vibration</b>	10 to 55Hz with 1.5mm amplitude 2hours
<b>ESD protection</b>	15KV air discharge
<b>Salt Fog/Spray</b>	MIL-STD-810F Section 509.4

### 3. DIMENSIONS

