#### **GPS Antenna**

# GPA-MG201

Wireless Communication Components

### OUTLINE

Antenna with LNA that receives GPS satellite waves efficiently and with high sensitivity. It is GPS Antenna for general market with metal antenna.



#### **FEATURES**

1. Antenna : metal antenna

2. Small Size : 33(W)×36(D)×14.3(H) mm

3. Environmental Consideration: lead Free

4. Waterproof : Certified for JIS C0920 IPX7 5. Installation Method : magnetic (with rubber feet)

: standard 3 or 5m 6. Cable Length

7. Connector : standard CN, GT16, HFC, FAKRA

8. Power Supply Voltage : 3V

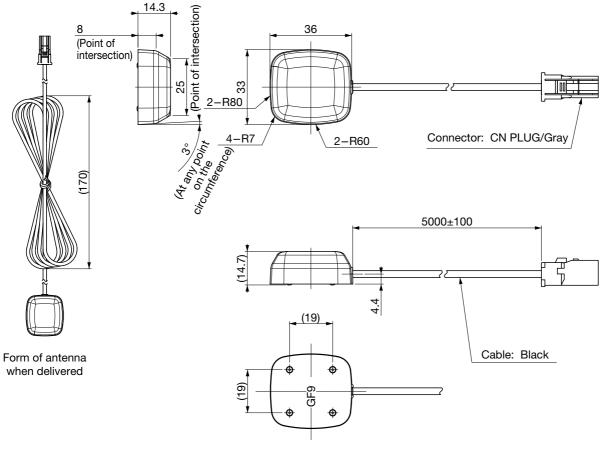
9. Overseas Production : Tianjin, China / Thailand

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The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

## SPECIFICATIONS

Item		Specifications
Antenna	Reception Frequency	1575.42±1.023MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	2dBi typ. <b>*</b> 1
	Output Impedance	$50\Omega$
LNA	Reception Frequency	1575.42±1.023MHz
	Noise Figure	1.1dB typ.
	Gain	26dB typ.
	Gain Flatness (Within Reception Band)	1dB max.
	Ex-band Attenuation	20dB typ.(±50MHz)
Overall	Overall Gain	28dBi typ.(Zenith) *2
	Power Supply Voltage	3V
	Current Consumption	19mA typ.
Minimum Order		30,000pcs/year

## DIMENSIONS



Unit: mm

<sup>\*1</sup> Conditions: Attached to GND boad (70×70mm) \*2 Conditions: Attached to GND boad (70×70mm, with cable length 5m)

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