

# GA Series



## FEATURES

- Build in low noise amplifier
- Variety connectors choice
- Widely input voltage
- High Gain
- Total water -proof design

## TECHNICAL SPECIFICATIONS

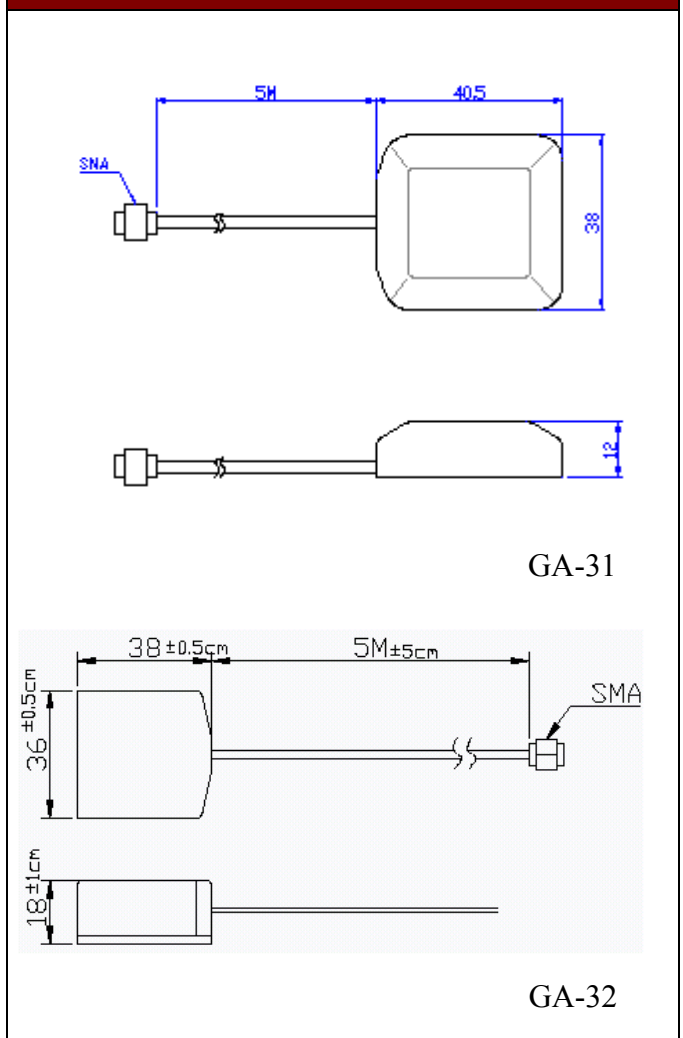
Operating Temperature	-30°C to +85°C
Input Voltage	2.5~5.5V
Power Consumption	at 3V <15mA, at 5V <22mA
Output Connector	GT-5/SMA/MCX/SMB
Mounting	Magnet mount
Waterproof	Test condition JISD0203 S2
Frequency Range	1575.42 MHz $\pm$ 1.023 MHz
Gain	90° : 2.0dBi Min. 20° : -5.0dBi Min.
Axial Ratio	90° : 4.0dB Max. (mounted on the 60mm x 60mm square ground plane)
Polarization	RHCP
Output Impedance	50 $\Omega$
VSWR	2.0 maximum
Weight	50g Max. (without cable and connector)
LNA	Gain: 28 $\pm$ 4.5dB(+25°C $\pm$ 5°C) Noise figure: 1.5dB max(+25°C $\pm$ 5°C)

## How to order?

GA- ① ②	
① Voltage	② Housing style
3-3~5V	1-Square(flatness) 2-Square(thickness)

- Cable length is available: 3m or 5m
- Customer can have their own housing.

## OUTLINE & DIMENSIONS



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