

GPS Antenna

GPA-MG201

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

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| 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) |
| 6. Cable Length | : standard 3 or 5m |
| 7. Connector | : standard CN, GT16, HFC, FAKRA |
| 8. Power Supply Voltage | : 3V |
| 9. Overseas Production | : Tianjin, China / Thailand |

SPECIFICATIONS

Item		Specifications
Antenna	Reception Frequency	1575.42±1.023MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	2dBi typ. *1
	Output Impedance	50Ω
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

*1 Conditions: Attached to GND board (70×70mm)

*2 Conditions: Attached to GND board (70×70mm, with cable length 5m)

DIMENSIONS

