#### **GNSS Antenna**

# GPA-GS200

Wireless Communication Components

#### OUTLINE

This is a highly sensitive, efficient and wideband antenna for receiving GPS, GLONASS, Galileo and Beidou satellite waves.

It is a Mitsumi standard product for general market.



#### **FEATURES**

- 1. Utilizes Mitsumi standard case.
- 2. Miniature size  $33(W) \times 36(D) \times 12.8(H)$ mm.
- 3. Small antenna element 20(W)×20(D)×4(H)mm.
- 4. Cable length and connector can be customized.
- 5. Waterproof : Certified for JIS C0920 IPX7
- 6. Installation Method: Double sided tape or Magnetic (With rubber feet)

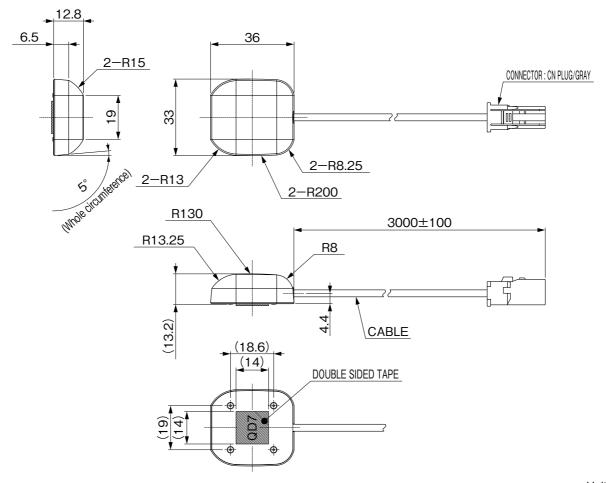
### SPECIFICATIONS

Item		Specifications
Antenna	Reception Frequency	1559.0 to 1605.375MHz
	Reception Polarization	Right Hand Circular Polarization
	Antenna Gain	0dBi typ. *1
	Output Impedance	$50\Omega$
LNA	Reception Frequency	1559.0 to 1605.375MHz
	Noise Figure	1.2dB max.
	Gain	26dB typ.
	Ex-band Attenuation	18dB min. (f0±50MHz)
Overall	Overall Gain	26dBi typ. (Zenith)*1
	Power Supply Voltage	5.0V
	Current Consumption	22mA typ. 30mA max.
Minimum Order for Custom		30,000 unit per year

<sup>\*1:</sup> Gain is for the standard cable length of 3m and grounding plate measuring 70×70mm.

Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
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.

## DIMENSIONS



Unit: mm

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