

GPS Antenna GPA-CG2C9

Telecommunication component

OUTLINE

This new generation GPS antenna is a further improvement on the general, commercially available GPS-CG2C1 becoming the standard model. While fulfilling demand for further enhancements, the number of parts used has been reduced to achieve cost savings. Specifications have been standardized to meet market needs.



FEATURES

1. Compact size: 34(W)×36(L)×12.9(H)mm (nearly a 40% reduction over our conventional model).
2. Reduction in the number of parts used (also a 45% reduction over our conventional model).
3. Excellent performance characteristics (NF has risen to 1.0dB typ.)
4. Superb structural design. Enhanced resistance to water for greater reliability (conforms to JIS C0920 Class7).
Reliable fastening with neodymium magnet.
5. Proposed standardization of specifications (MITSUMI standard case, no silk screen printing, cable length 5m).
6. Power source voltage may be freely selected from 3 ~ 5V. 3 types of connector are used (CN, HFC, GT-16).
7. Produced in Tianjin, China.

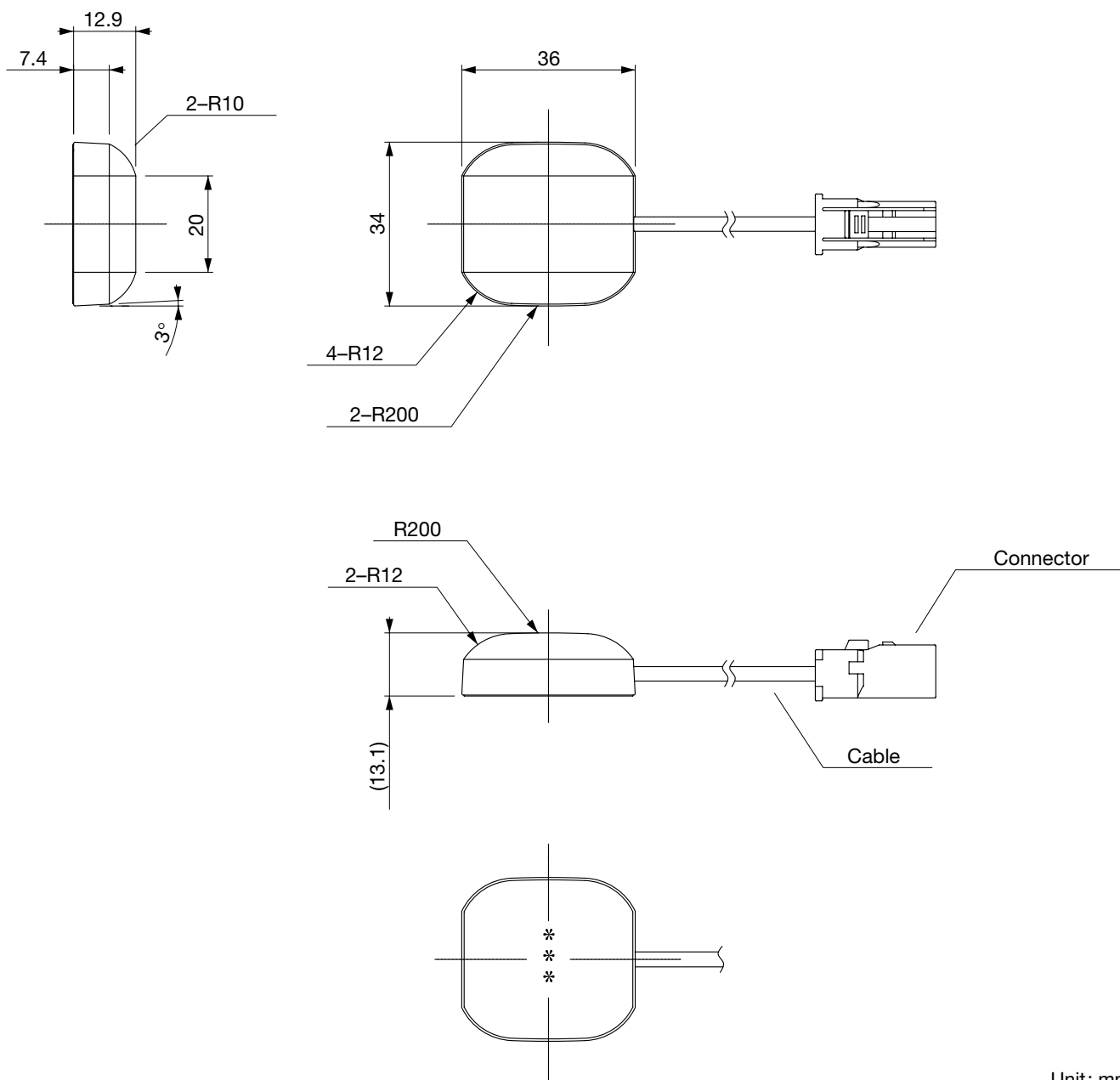
SPECIFICATIONS

Item		Specifications
Antenna	Reception frequency	1575.42±1.023MHz
	Reception polarization	Right hand circular polarization
	Antenna gain	0dBi min. ★1.
	Output impedance	50Ω
LNA	Reception frequency	1575.42±1.023MHz
	Noise figure	1.0dB typ.
	Gain	26dB typ.
	Gain flatness (within reception band)	1dB max.
	Ex-band attenuation	23dB typ.
Overall	Overall gain	30dBi typ. (Zenith) ★2
	Power supply voltage	3~5V
	Consumption current	17mA typ. 30mA max.
Minimum Order		10,000Pcs/Year

★Parameters: Attached to GND board (70×70mm)

★Parameters: Attached to GND board (70×70mm, cable length 5m)

DIMENSIONS



Unit: mm