

GPS Antenna GPA-CG2C5

Telecommunication component

OUTLINE

This is a highly sensitive, efficient antenna for receiving GPS satellite waves. The GPA-CG2C5 is a Mitsumi standard product used as a vehicle assembly line genuine part.



FEATURES

1. Utilizes Mitsumi standard case.
2. Miniature size (30mm × 30mm × 12mm)
3. Small antenna element (20mm × 20mm × 4mm)
4. Cable length and connector can be customized.
5. Various optional extras (mounting fixtures, spongers, and clips, etc.) are available to satisfy your needs.

SPECIFICATIONS

Item		Specifications
Antenna	Reception frequency	1575.42±1.023MHz
	Reception polarization	Right rotating polarization
	Antenna gain	0dBi min.
	Output impedance	50Ω
LNA	Reception frequency	1575.42±1.023MHz
	Noise factor	1.1dB typ.
	Gain	25dB typ.
	Gain flatness (within reception band)	1dB max.
	Ex-band attenuation	18dB min. (fo±50MHz)
Overall	Overall gain	27dBi typ. (Wave angle 90°)
	Power supply voltage	5.0V
	Consumption current	18mA typ. 25mA max.

*Gain is for the standard cable length of 1m and grounding plate measuring 40mm ×40mm.

DIMENSIONS

