



GPS Antenna Module

Model: GD-12

The Smallest GPS Module with Additional MMCX Connector



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GD-12 is a most compact GPS antenna module in the market. It's specially designed for the portable device that needs GPS antenna embedded such as PND, laptop, mobile phone and so on. Also, GD-12 is compatible with most GPS receives available on the market and provides a perfect alternative for the application of the GPS in different fields.

Features:

1. Ideally for embedded applications such as PDA, PND or laptop.
2. High temperature stability
3. High sensitivity
4. Low current consumption
5. Additional MMCX connector for add an extra external antenna.

Applications

1. AVL
2. Car Navigation
3. PDA, PND, Handheld GPS device
4. Security Surveillance
5. Vehicle tracking

Specification:

Patch Antenna	
Frequency	1575.42 MHz
Impedance	50 Ohm
Gain	1dBic @ Zenith
Polarization	RHCP.
LNA	
Amplifier Gain	17dB Typical
Noise Figure	1.5 dB Typical
VSWR	2.0 max
DC voltage	2.8 - 3.3 Volt DC
DC Current	6.2mA @ 3.0v DC
Physical Condition	
Dimension	13mm (L) x 19mm (W) x 6.25mm (H)
Weight	5 ± 0.5 grams
Cable	8cm OD1.13 +IPEX
Connector	MMCX (Jack) 180°
Environmental Conditions	
Working temperature	-40°C to +85°C
Storage temperature	-50°C to +95°C

(*PS: The specification is subject to change without prior notice)

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