

## GD-12 “GPS Antenna Module”

- ❑ **Additional MMCX connector to add on an extra external antenna**
- ❑ **Low attenuation & Power Consumption**
- ❑ **Excellent anti-signal interferences capabilities and amazingly low current consumption**
- ❑ **Microscopic & rigid structure suits the military well as other applications demanding high degree of confidentiality**
- ❑ **Ultra High sensitive**
- ❑ **Module board available for embedded applications**
- ❑ **Ideal for PDA, HPC and other computing devices running GPS applications**

GD-12 is compatible with almost every GPS receiver model available on the market

### ***Applications:***

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- AVL / Fleet Management System
- Car navigation
- Vehicle tracking
- Security Surveillance
- External Antenna for Handheld GPS



### ***Description:***

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Featuring excellent anti signal interferences capabilities and amazingly low current consumption

GD-12 is the most compact GPS antenna module on the market

GD-12's comprehensive coverage can extend to far-off horizon, performing excellently in foliage or urban canyon environment

# Datasheet GD-12 Antenna Module

## ***Mechanical Data:***

Size in mm (LxWxH)	13x19x6.25
Weight	5 +/- 0.5 grams
Cabel	8cm OD1.13 +IPEX
Optional Cabel	RG-178/U & RG-316/U
Connector	MCX (Jack) 180°



## ***Environmental Conditions:***

Operating Temp.	-40°C ~ + 85°C
Storage Temp.	-50°C ~ + 95°C

## ***Low Noise Amplifier:***

Center Frequency	1575.42 MHz
Output Impedance	50Ω
Gain	17 dB
Polarization	R.H.C.P
Input Voltage	2.8 ~+ 3.3 V DC
Power Consumption	6.2mA @ 3.0 v DC

## ***Contact us:***

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