



GPS Antenna Module

Model: D-10

The Smallest GPS Module



D-10 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, D-10 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:

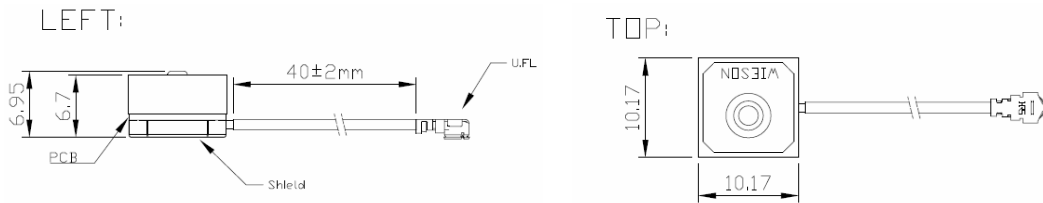
1. Ideally for embedded applications such as PDA, PND or laptop.
2. High temperature stability
3. High sensitivity
4. Low current consumption

Applications

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

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Mechanical



Specification:

Physical Condition	
Dimension	10mm (L) x 10mm (W) x 6.25mm (H)
Weight	2.6 ± 0.5 grams
Environmental Conditions	
Operation temperature	-40°C to +85°C
Storage temperature	-50°C to +95°C
Relative Humidity	10% to 95%
Electrical Specifications	
Input voltage	DC 2.8~3.3V
Power consumption	3.8mA @ 3.0VDC
Patch Antenna	
Center Frequency	1575.42 ± 3 MHz
Bandwidth	5 MHz min.
Polarization	RHCP
Peak Gain	0.0dBi @ Zenith
LNA	
Amplifier Gain	17dB Typical
Noise Figure	1.5 dB Typical
Output Impedance	50 ohm
Output VSWR	2.0 Typical
Total Specifications(Through Antenna, LNA, Cable and Connector)	
Frequency range	1575.42 ± 1.023 MHz
Gain	16 dB
Output Impedance	50 ohm
VSWR	2.0 max.
Cable	5cm OD1.13
Connector	IPEX

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