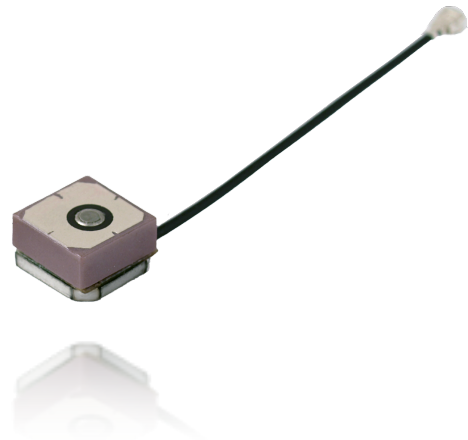

GPS Smallest Antenna Module

- **GPS Active Antenna**
- **17dB Gain**
- **High Sensitivity**
- **Low current consumption**
- **Suitable for embedded applications**



ADA-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, ADA-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.

RoHS

Specification

Antenna	Specification
Frequency	1575.42 ± 1.023MHz
Antenna Dimension	10mm x 10mm x 6,25mm
Antenna Gain	Typ.0dBi
Polarazation	RHCP
	LNA
Frequency Range	1575.42 ± 1.023MHz
Gain	17dB Typ.
Noise Figure	1.5dB Max @ 25°C±5°C @3.0VDC
Output Impedance	50Ω
V.S.W.R	<2:1
	Total Specification
Frequency Range	1575.42 ± 1.023MHz
Gain	16dBi
Output Impedance	50Ω
VSWR	2.0:1
RF Cable	L=50mm, Ø1,13mm
RF Connector	I-PEX
	Electrical Specification
Operating Voltage	Min: 2.8 V Typ: 3.0 V Max:3.3 V
Current Consumption	3.8mA @ 3.0V
	Environmental Conditions
Operating Temperature	-40°C to + 85°C
Storage Temperture	-40°C to + 85°C
Relative Humidity	40% to 95%

Ordering codes

TYPE	Description	Comment
ADA-10	GPS Smallest Antenna Module	GPS Antenna Module

For the latest updates, visit our Web site: www.adactus.se

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