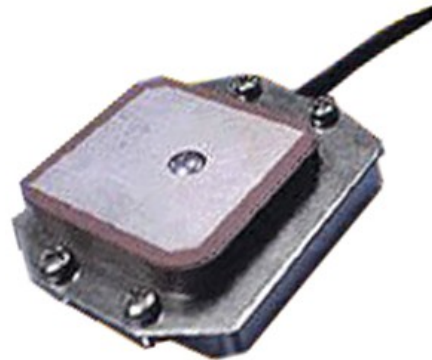

GPS Antenna Module

- **GPS Active Antenna**
- **28dB Gain**
- **High Sensitivity**
- **High Performance**
- **Wide Range Voltage**
- **Suitable for embedded applications**



ADA-76C is the integration of a high performance GPS patch antenna , filter and a state-of-the-art low noise amplifier mounted together. The unit provides excellent antenna signal amplification to any GPS receiver with a +2.5 ~ 5.0VDC antenna power on the center pin.

Specification

Category	GPS
Frequency	1575.42 ± 3 MHz
Polarization	R.H.C.P.
Antenna Gain	Typ. 5 dBi
Bandwidth	2 MHz min
	LNA
Amplifier Gain	Typ 28 dB
Noise figure	Typ 2.5 dB
Output Impedance	50 Ω
VSWR	< 2.0:1
	Electrical Specifications
Supply Voltage	2.5 – 5.5 VDC
Power consumption	12 mA (3.0 – 5.0V DC)
Total Gain	26dB
Impedance	50 Ω
VSWR	< 2.0 : 1
RF Cable	RG 178/U (std), others available
Connector	Standard RF Connectors
	Overall Performance
GPS part size	29 x 38 x 10.5 mm
Weight	20 ± 0.5 grams
Mounting	Sticky tape
Operating temperature	-30 — +85 ° C
Storage temperature	-40 — +90 ° C

Ordering codes

TYPE	Description	Comment
ADA-76C	Cable, length and Connector	GPS Antenna Module

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

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