

GPS Module Evaluation Board

Antenna Information

The GPS antenna is a compact active antenna designed for use with GPS module GPSM001. The antenna is equipped with a magnetic base so can be easily mounted. Due to the low power consumption it is ideal for portable devices.

Features

- Active antenna design
- 5 meter coax connecting cable
- 100 mm SMA-to-HFL conversion cable suppli
- Small size 39 x 35 x 12.5 mm



Parameter	Min	Тур	Max
Foperating		1574.42 MHz	
Bandwidth		2.046 MHz	
Operating Temp range	-20 °C		85°C
Connector		SMA	
Patch Antenna			
Polarization		R.H.C.P	
Gain to Fo @90 ⁰ elevation		5 Dbi	
Output VSWR			2
Impedance		50 Ohm	
Antenna + LNA			
Gain to Fo	27 dB	29 dB	33 dB
Noise Figure			1.7dB
Voltage Supply	2.7 V	3.3 V	3.9 V
Current Consumption		12 Ma	

For more information or general enquiries, please contact:

RF Solutions Ltd.,

Unit 21 Cliffe Industrial Estate, South Street,

Lewes, East Sussex, BN8 6JL, England

Tel: +44 (0)1273 898 000 Fax: +44 (0)1273 480 661

Email: sales@rfsolutions.co.uk http://www.rfsolutions.co.uk

RF Solutions is a member of the Low Power Radio Association

All Trademarks acknowledged and remain the property of the respected owners.

Information contained in this document is believed to be accurate, however no representation or warranty is given and R.F. Solutions Ltd. assumes no liability with respect to the accuracy of such information. Use of R.F.Solutions as critical components in life support systems is not authorised except with express written approval from R.F.Solutions Ltd.





