



**GeosSat**  
**Microwave**

- Dual bands are switchable
- Low power consumption
- Higher reliability from integrated design principle
- Compact size and light weight
- Meet ETSI, FCC standards



## Low Noise Amplifiers L-Band 1000-6000 (LNA)

Model: GLAL1000

### Specifications

Parameter	Specification
Frequency range	1000 - 6000 MHz
Noise figure	1.8 dB max
Conversion gain at -40 to +60°C	40 dB min. 45dB max.
Gain flatness	5 dBp-p max.
Gain flatness at -40 to +60°C	5 dBp-p max.
Output P1dB	+10 dBm min.
Input VSWR	2.5: 1 max
Output VSWR	2.5: 1 max
Input connector	SMA, N-type female (option)
Output connector	F, N, SMA-type female (option)
Power connector	Pin thru connector
Power supply	+12 to +24V DC
Required current	250 mA max.
Operating temperature	-40 to +60°C
Dimension (exclude connector)	100.0 x 45.0 x 22.6 mm
Weight	250 g

[www.geosatmicrowave.com](http://www.geosatmicrowave.com)

[sales@geosatmicrowave.com](mailto:sales@geosatmicrowave.com)

# Mechanical Diagram (Unit: inch (mm))

