



**Geosat
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 2100-2500 (LNA)

Model: GLAL2100

Specifications

Parameter	Specification
Frequency range	2100 - 2500 MHz
Noise temperature	45°K max.
Conversion gain at -40 to +60°C	60 dB typ. (55 dB min. 65dB max.)
Gain flatness	2 dBp-p max.
Gain flatness at -40 to +60°C	2 dBp-p max.
Output P1dB	+10 dBm min.
Input VSWR	1.8 : 1 max
Output VSWR	1.8 : 1 max
Input connector	N , SMA-type female (option)
Output connector	F, N, SMA-type female (option)
Power connector	MS3112E10-6P (option)
Power supply	+12 to +24V DC
Required current	300 mA max.
Operating temperature	-40 to +60°C
Dimension (exclude connector)	100.0 x 45.0 x 22.6 mm
Weight	250 g

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Mechanical Diagram (Unit: inch (mm))

