



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 C-Band 310 series (LNA)

Model: **GLAC310**

Specifications

Parameter	Specification
Frequency range	4.5 – 4.8
Noise temperature	30'K max.
Conversion gain at -40 to +60°C	55dB typ. (50dB min. 60dB max.)
Gain flatness	4 dBp-p max.
Gain flatness at -40 to +60°C	4 dBp-p max.
Gain ripple at per 27MHz, -40 to +60°C	1 dBp-p max.
Output P1dB	+5 dBm min.
Input VSWR	2.2 : 1 max
Output VSWR	2.2 : 1 max
Input waveguide flange	WR-229
Output connector	N, SMA type female (option)
Power connector	MS3112E10-6P (option)
Power supply	+12 to +24V DC
Required current	150 mA max.
Operating temperature	-40 to +60°C
Waterproof	IP 67.
Dimension (exclude connector)	98.8 x 70.0 x 164.5 mm
Weight	630 g

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Mechanical Diagram (Unit: inch (mm))

