

SLNA

Single Band Low Noise Amplifier



Product Overview

The SLNA is a generic broadband low noise amplifier that operates in the L, S, and C Band frequencies. The units can be powered either by the solder terminal and lug or via the coax through the RF output port. The SLNA amplifiers operate from -20C to +70C. Other frequencies available by request.

Model Number	Frequency (GHz)	Min Gain (dB)	Max NF (dB)	P1dB Out (dBm)	VSWR	Max Power Vin = 12V
SLNA-1	1.7-2.7	19	1.4	19	2.0:1	125mA
SLNA-2	3.0-6.0	25	2.5	17	2.0:1	80mA

Technical Specifications

General

RF In Input Level	+20dBm (no damage)
DC Power	+9V-16V, 12V nom

Physical

Dimensions	2.0" x 1.25" x .37"
Weight	<0.1 lbs (TBR)

Connectors

RF Input	SMA Female
RF Output/DC Input	SMA Female
VDC	Solder Terminal

**Unit can be powered either via RF output coax or DC connector.*

Environmental

Operating Temp	-20C to +70C
Humidity	95% non-condensing