

Low Noise Amplifier ALN- 09173030-01



FEATURES

- Low Noise Figure
- · Single power and light weight

ALN series low noise amplifiers are constructed with discrete or MMIC PHEMT devices and provide state-of-the-art low noise performances.

APPLICATION

- Communication receivers
- Radar front
- Wideband radiometry
- Transceiver sub-assemblies

SPECIFICATIONS

• Frequency: 1 - 18 GHz

· Gain: 30 dB typical

Noise figure:

> 3.0 dB (typ) dB (typ), 5-16 GHz

> 4.0 dB (typ), 1-5 GHz and 16-18 GHz

DC bias: 8.0 Vdc/200 mA (typ)

Connectors: SMA (F)

Operating temperature: -40 °C to +50 °C

Outline Drawings

