



Model Number:
A-LNAKX-363001

RF Components

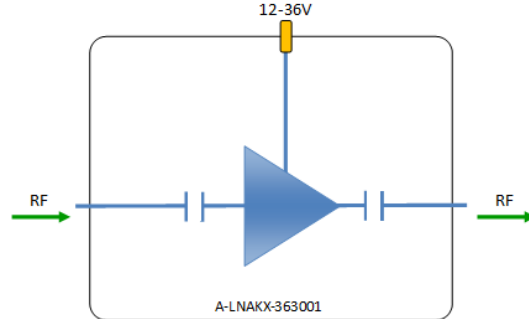
Wideband Low Noise Amplifier

0.01-26.5 GHz

- 25– 30 dB gain and 5.5dB typ. noise figure full band.
- Requires 12– 36 V external DC power

Available with RF connector options:

- 50 Ω SMA

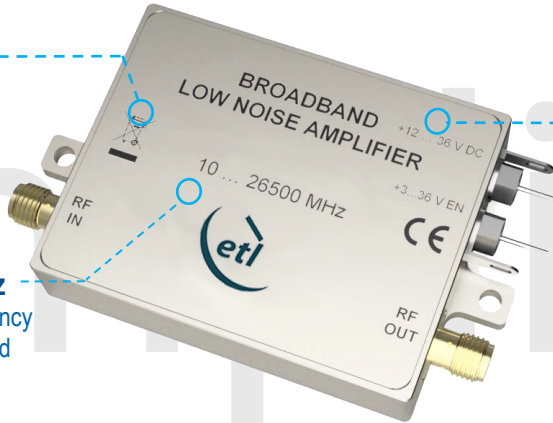


Compact

Housed in rugged compact enclosure

12-36 V

External DC powering



0.01-26.5 GHz
Operating frequency range. Wide-Band ready

Technical specifications and operating parameters

RF Parameters		
A-LNAKX-363001-XXXX		S5S5
Frequency Range	0.01-26.5GHz	
RF Connectors	50Ω SMA	
Gain (dB)	Min	25
Gain Flatness(± dB)	Typ	2
Return Loss (dB)	Min	8
Output P1dB GCP** (dBm)	Typ	16
	Min	10
OIP 3 (dBm)	Min	20
Noise Figure* (dB)	5.5	
* Noise figure @ 18 deg °C **Gain Compression Point		

Environmental		
Operating Temperature	-20°C to +65°C	
Storage Temperature	-20°C to +65°C	
Location	Indoor use Only	
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	-10dBm (0.1mW)
DC Voltage	12–36V
DC Current	N/A
DC Consumption	220 mA

Broadcast



Marine Oil & Gas



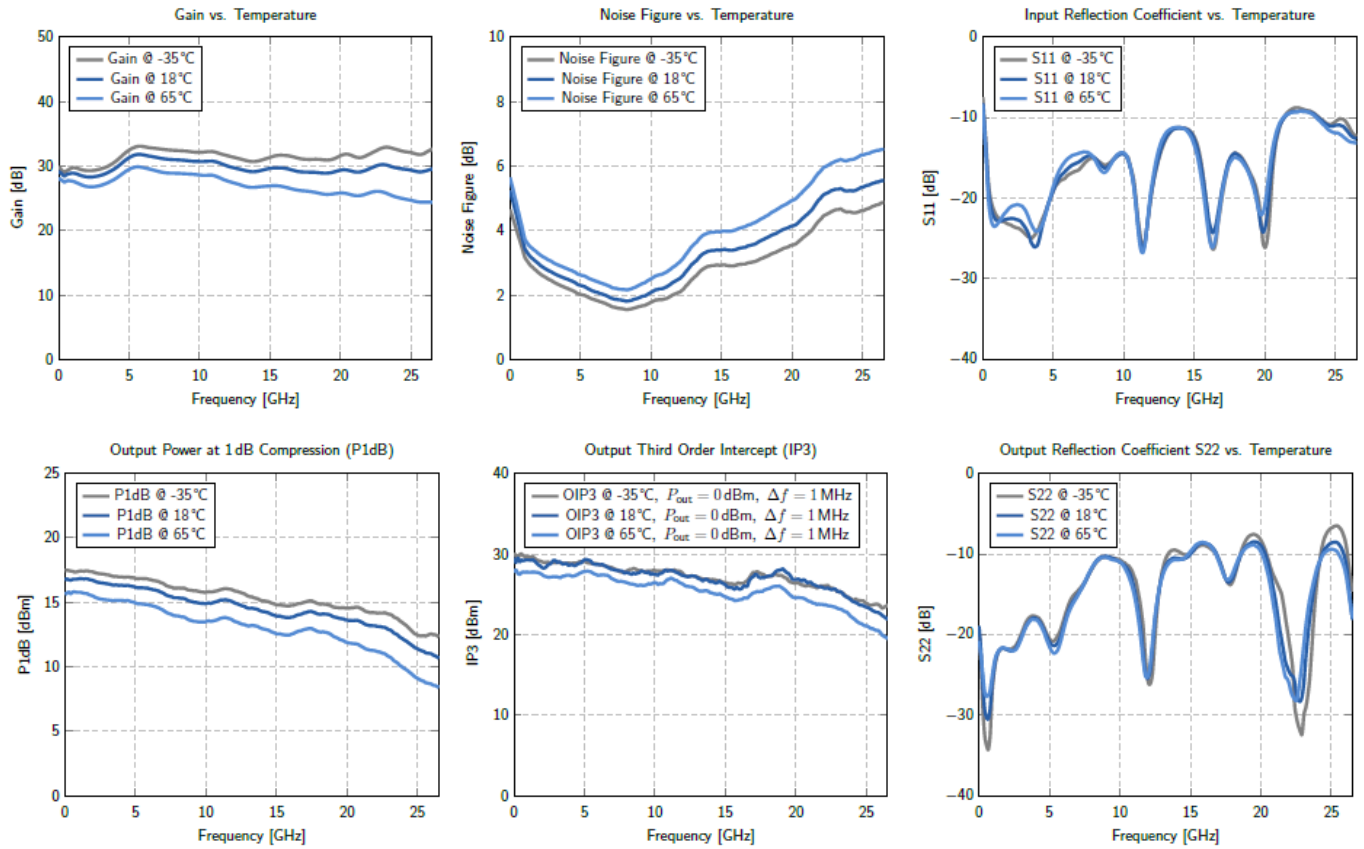
SNG & VSAT



Satellite Teleport

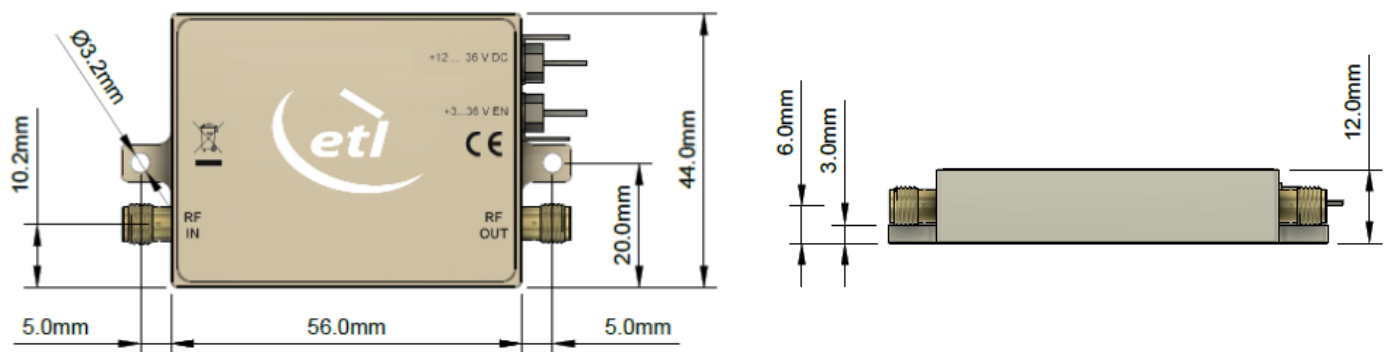


Typical Performance



! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions (mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.