

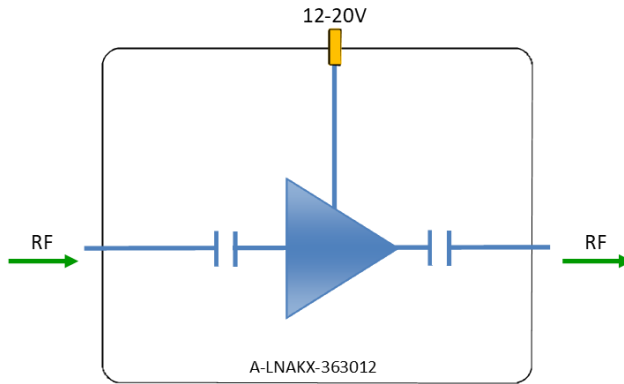


Model Number:
A-LNAKX-363012

RF Components

Wideband Low Noise Amplifier

2-18 GHz



- 24 dB typical gain
- 2.0dB typ. noise figure full band.
- Requires 12– 20 V external DC power

Available with RF connector options:

- 50 Ω 2.92mm

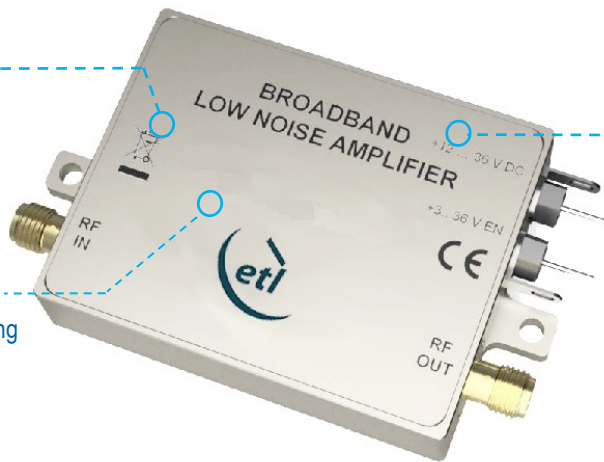
Compact

Housed in rugged compact enclosure

12-20 V
External DC powering



2-18 GHz
Wideband Operating frequency range.



Technical specifications and operating parameters

RF Parameters		
A-LNAKX-363012-XXXX		S5S5
Frequency Range		2-18 GHz
RF Connectors		50Ω 2.92mm
Mean Gain (dB)		24 ± 2
Gain Flatness (± dB)	Max	1.5
Return Loss (dB)	Min	10
Output P1dB GCP** (dBm)	Typ	23
	Min	20
Noise Figure* (dB)	Max	3.5
* Noise figure @ 18°C	Typ	
**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	+10 dBm
DC Voltage	12 –20V
DC Current	N/A
DC Consumption	300 mA

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

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

