



RF Components

Wideband Low Noise Amplifier

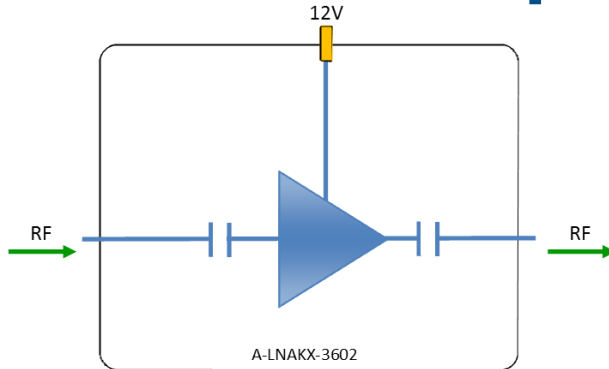
6 - 18 GHz

Model Number:
A-LNAKX-3602

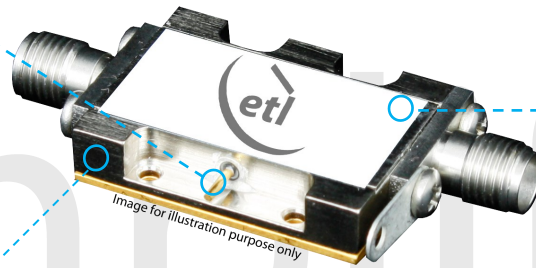
- 35dB typ. gain and 2dB typ. noise figure
- Requires 12V external DC power

Available with RF connector options:

- 50 Ω SMA.



12V
External DC
powering



Compact
Housed in
rugged compact
enclosure

6-18 GHz
Operating frequency
range. Wide-Band
ready

RF Parameters	
A-LNAKX-3602-XXXX	S5S5
Frequency Range	6-18 GHz
RF Connectors	50Ω SMA
Gain (dB)	35±3
Flatness ± (dB)	2
Input Return Loss (dB)	Typ. 15
	Min 10
Output Return Loss (dB)	Typ. 15
	Min 10
Output P1dB GCP** (dBm)	Typ. 16
	Min 15
Output IP3 (dBm)	Typ. 27
Noise Figure (dB)	Typ. 2
Isolation (dB)	Typ. 50
**Gain Compression Point	

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





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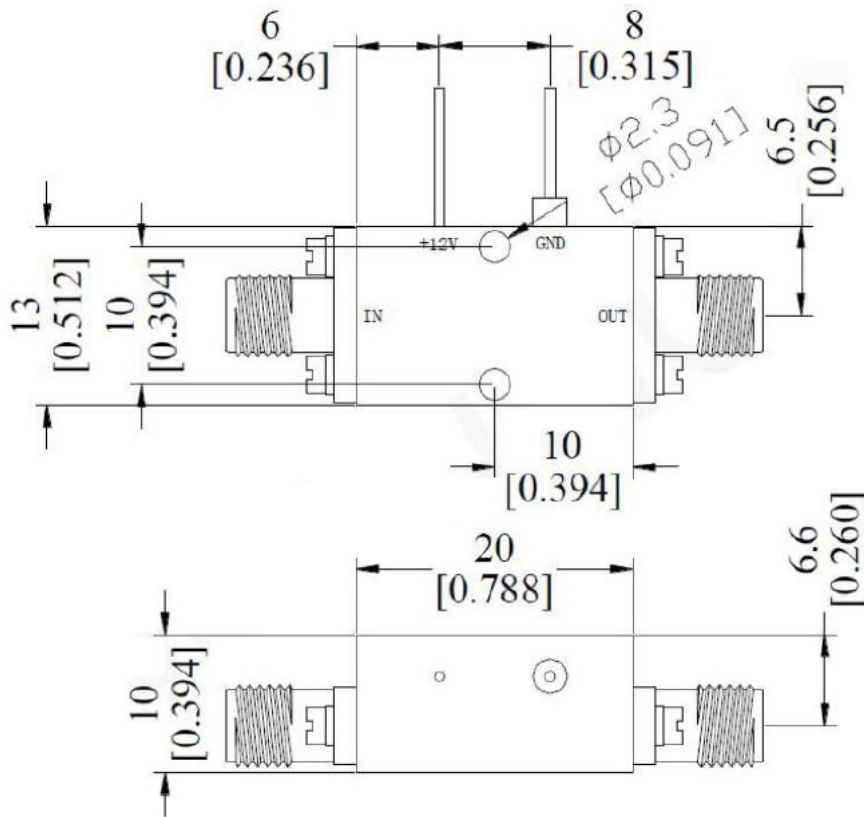
Technical specifications and operating parameters

Environmental		
Operating Temperature		-45°C to +85°C
Storage Temperature		-55°C to +125°C
Location		Indoor use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	-12dBm
DC Voltage	12V
DC Current	N/A
DC Consumption	250mA

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

Physical Dimensions in mm (inch)
 Note: Heat sink required during operation



Note 1 : 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.

ETL SYSTEMS LIMITED
 Coldwell Radio Station
 Madley
 Hereford
 England HR2 9NE

TELEPHONE
 +44 (0)1981 259020
 EMAIL
 info@etlsystems.com

FACSIMILE
 +44 (0)1981 259021
 WEB
 www.etlsystems.com

