

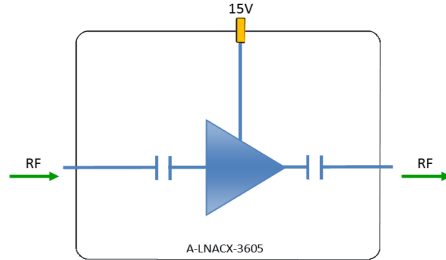


Model Number:
A-LNACX-3605

RF Components

Wideband Low Noise Amplifier

0.5-6 GHz

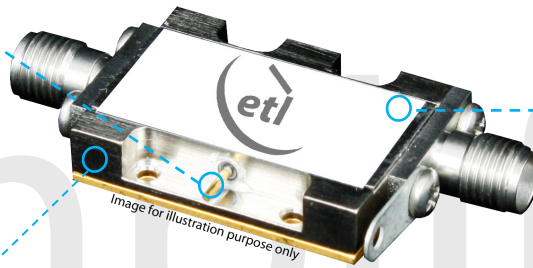


- 45dB typ. gain and 3dB typ. noise figure
- Requires 15V external DC power

Available with RF connector options:

- 50 Ω SMA

- 15V**
External DC powering
- 0.5-6 GHz**
Operating frequency range. Wide-Band ready



- Compact**
Housed in rugged compact enclosure

RF Parameters	
A-LNACX-3605-XXXX	S5S5
Frequency Range	0.5-6 GHz
RF Connectors	50Ω SMA
Gain (dB)	42.5±2.5
Flatness ± (dB)	2
Input Return Loss (dB)	Typ. 13
	Min 7
Output Return Loss (dB)	Typ. 13
	Min 9
Output P1dB GCP** (dBm)	Typ. 15
	Min 13
Output IP3 (dBm)	Typ. 23
Noise Figure (dB)	Typ. 3
Isolation (dB)	Typ. 55
**Gain Compression Point	

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





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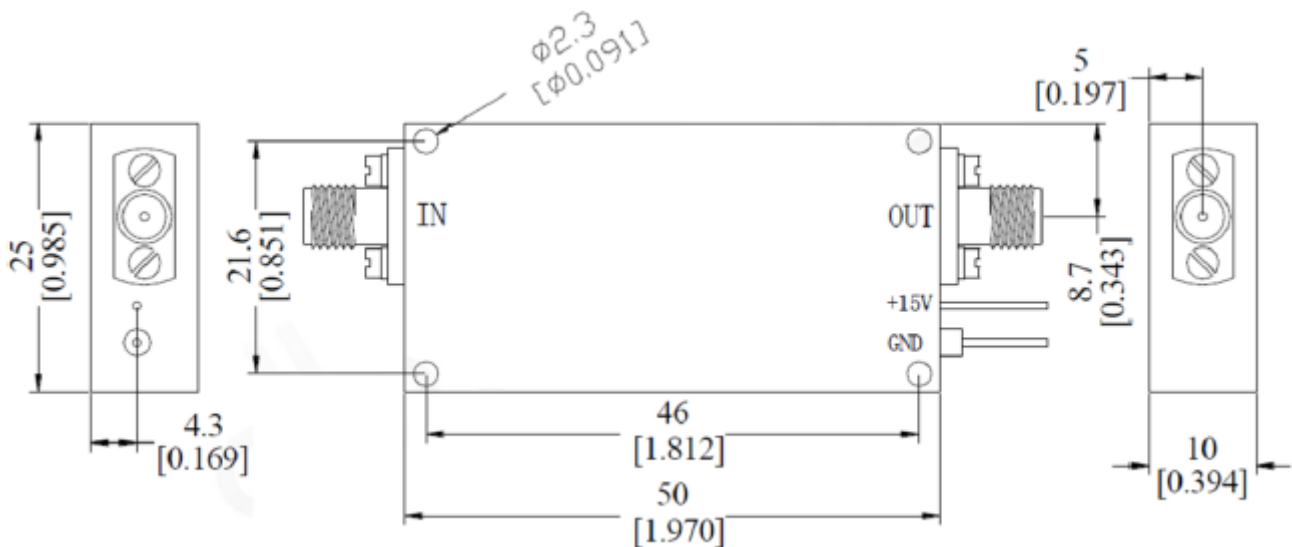
Technical specifications and operating parameters

Environmental		
Operating Temperature		-45°C to +85°C
Storage Temperature		-50°C to +125°C
Location		Indoor use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power	-25dBm
DC Voltage	15V
DC Current	N/A
DC Consumption	200mA

! 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

