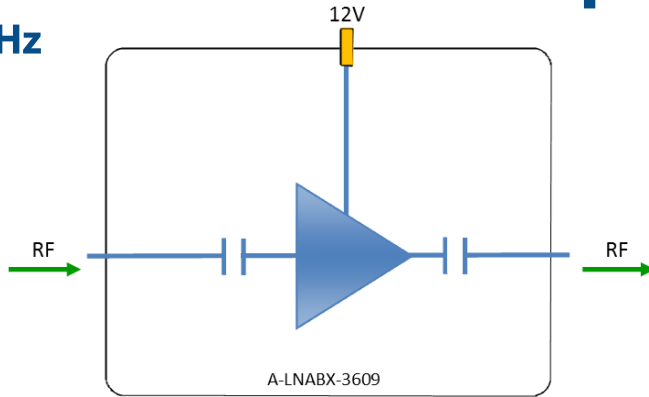




RF Components

Broadband Low Noise Amplifier

400 - 1000 MHz



Model Number:
A-LNABX-3609

- 40 dB typ. gain and 0.7 dB typ. noise figure
- Requires 12V external DC power

Available with RF connector options:

- 50 Ω SMA

Amplifier

RF Parameters		
A-LNABX-3609-XXXX		S5S5
Frequency Range		400-1000 MHz
RF Connectors		50Ω SMA
Mean Gain (dB)		40±2.5
Flatness ± (dB)		2
Input Return Loss (dB)	Typ.	14
	Min	9
Output Return Loss (dB)	Typ.	12
	Min	10
Output P1dB GCP** (dBm)	Typ.	17
	Min	15
Output IP3 (dBm)	Typ.	31
Noise Figure (dB)	Typ.	1.9
Isolation (dB)	Typ.	50
**Gain Compression Point		

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





RF Components

Model Number:
A-LNABX-3609
Broadband Low Noise Amplifier

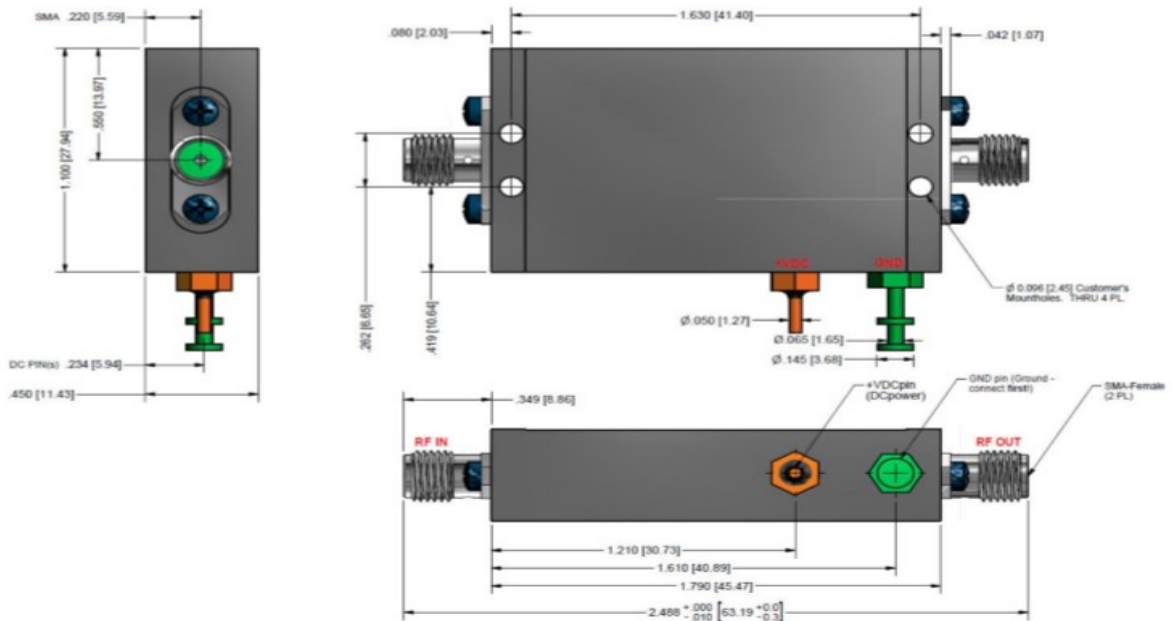
Technical specifications and operating parameters

Environmental		
Operating Temperature		-40°C to +85°C
Storage Temperature		-40°C to +95°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	140mA

! 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.

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