



RF Components

Wideband Low Noise Amplifier

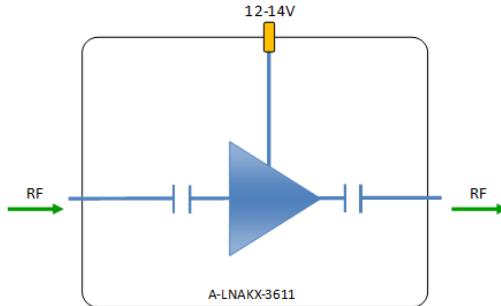
0.1-20 GHz

Model Number:
A-LNAKX-3611

- 25dB typ. gain and 3.5dB typ. noise figure
- Requires 12-14V external DC power

Available with RF connector options:

- 50 Ω SMA



Compact
Housed in rugged compact enclosure

12-14V
External DC powering

0.1-20 GHz
Operating frequency range. Wide-Band ready



RF Parameters		
A-LNAKX-3611-XXXX		S5S5
Frequency Range		0.1-20GHz
RF Connectors		50Ω SMA
Gain (dB)	Min	25
Gain Flatness(± dB)		3
Input Return Loss (dB)	Typ	10
Output P1dB GCP** (dBm)	Typ	16
	Min	11
Noise Figure (dB)	Typ	3.5
**Gain Compression Point		

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



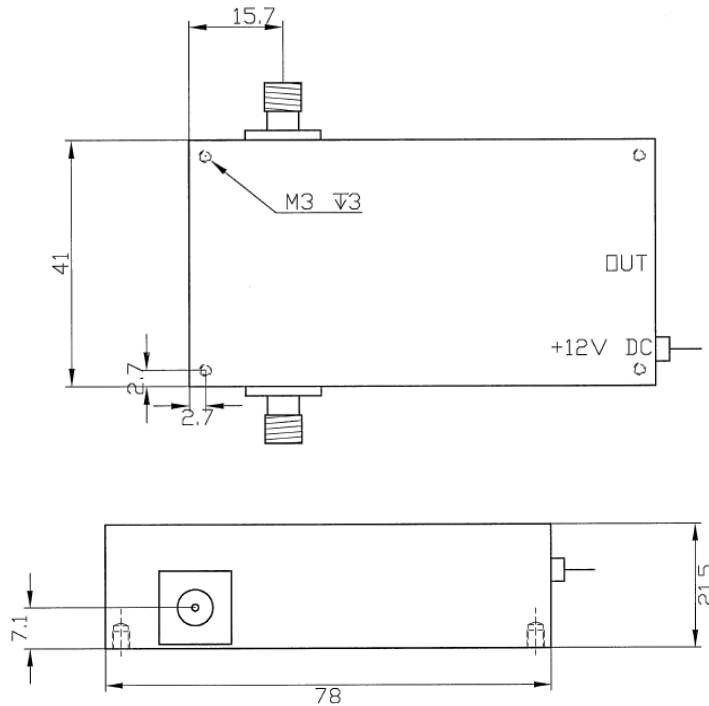
Technical specifications and operating parameters

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 -14V
DC Current	N/A
DC Consumption	190mA

! 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.