



Model Number:  
**A-LNAFX-3623**

RF Components

# IP65 IF-band Low Noise Amplifier

**88-108 MHz**

- 20 dB Gain
- Requires 16-24V DC power on RF output port

Available with RF connector options:

- 50 Ω N-type

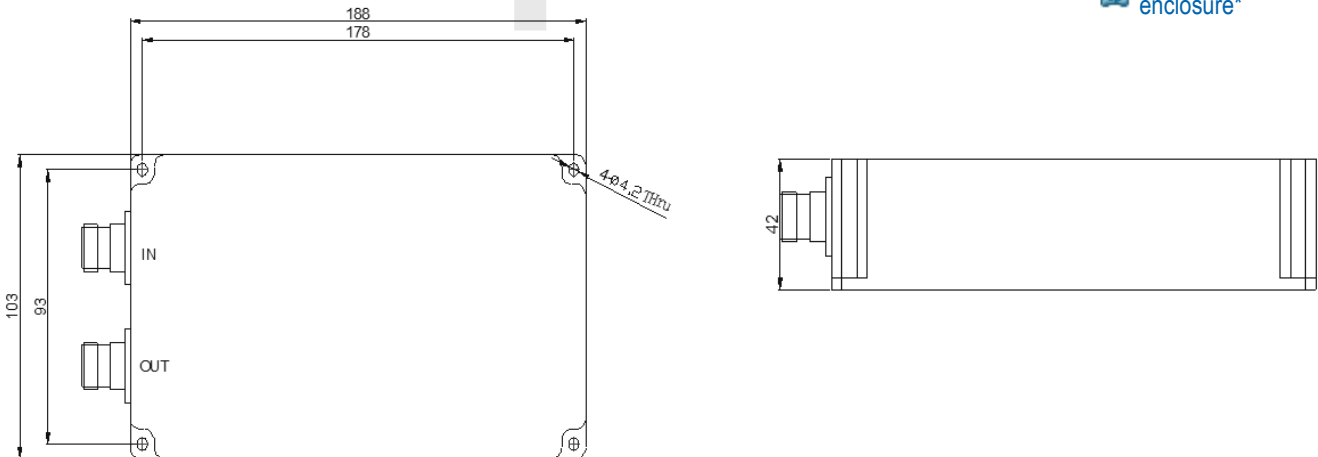
**16 –24V**  
DC power on  
RF output port



**88-108 MHz** Operating frequency range. IF-Band ready



**Compact**  
housed in IP65 enclosure\*



RF Parameters	
A-LNAFX-3623	N5N5
Frequency Range	88 to 108 MHz
RF Connectors	50Ohm N-type Female
Fixed Gain (dB)	20 dB
Flatness ± (dB)	±0.5 Per channel / ±1.5dB per band
VSWR	1.5:1 Typical
Output P1dB GCP** (dBm)	+20 dBm
IP3	+35 dBm
Noise Figure	0.5dB Typical, 1.0dB Max

Environmental	
Operating Temperature	-40°C to +45°C
Storage Temperature	-50°C to +85°C
Location	Indoor / Outdoor IP65* use

Max Operating Parameters	
Power	16-24V
Minimum Input Level	-91dBm

\*IP65 integrity is maintained by populating all ports with sufficiently rated connectors and that unused ports have IP65 terminators or dust caps when awaiting connection.

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

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport

