



RF Components

# IP65 IF-band Low Noise Amplifier

470-800 MHz


Model Number:  
**A-LNAFX-3624**

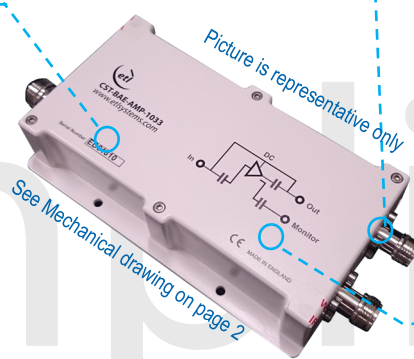
- 20 dB gain Min
- Requires 16-24V DC power on RF output port

Available with RF connector options:

- 50 Ω N-type

 **470-800 MHz** Operating frequency range. IF-Band ready

 **16 -12V**  
DC power on RF output port



 **Compact**  
housed in IP65\* enclosure

RF Parameters		
A-LNAFX-3624		N5N5
Frequency Range		470 to 800 MHz
RF Connectors		N-type Female
Fixed Gain (dB)	Typ.	20 dB
Flatness ± (dB)	Max	±0.5 Per channel /
	Typ.	±1.5dB per band
Input Return Loss (dB)	Min	16
	Typ.	14
Output Return Loss (dB)	Typ.	16
	Min	14
Output P1dB GCP** (dBm)		+20 dBm
IP3		+35 dBm
Min input level		-91 dBmV
**Gain Compression Point		

## Broadcast



## Marine Oil & Gas



## SNG & VSAT



## Satellite Teleport





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### Technical specifications and operating parameters

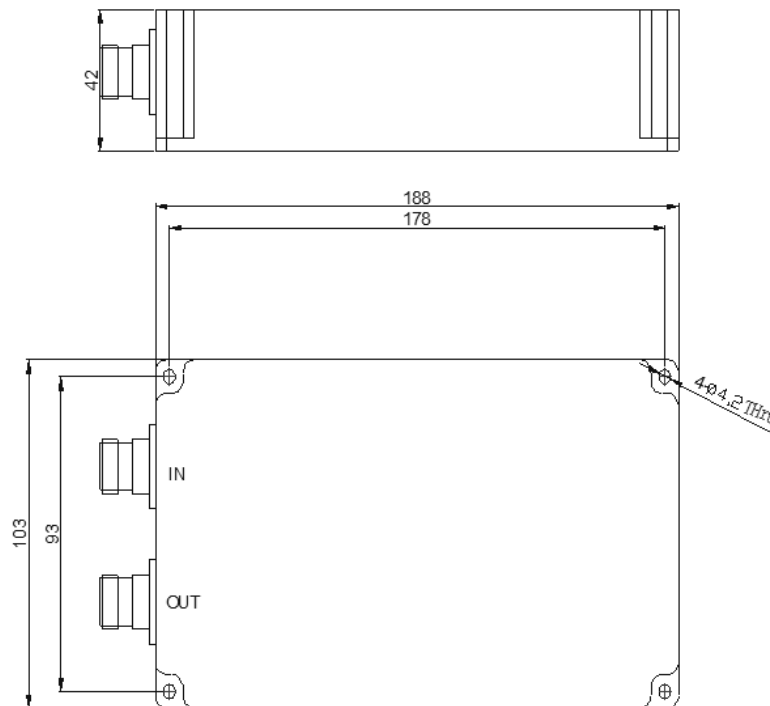
Environmental	
Operating Temperature	-40°C to + 45°C
Storage Temperature	-50°C to + 85°C
Location	Indoor / Outdoor IP65* use
Humidity	Max 90% non-condensing
Altitude	Max 10,000 feet

Max Operating Parameters	
Input RF Power	-91dBm
DC Voltage	28V
DC Current	N/A

\*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. Dust caps are not sold with this product.

**!** 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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