

## High Power Low Noise Amp

- 160MHz to 870MHz
- Gain: 25.0dB
- NF: 4.9dB typ
- P1dB: +30.0dBm
- OIP3: +45.0dBm
- I/O matched 50Ω

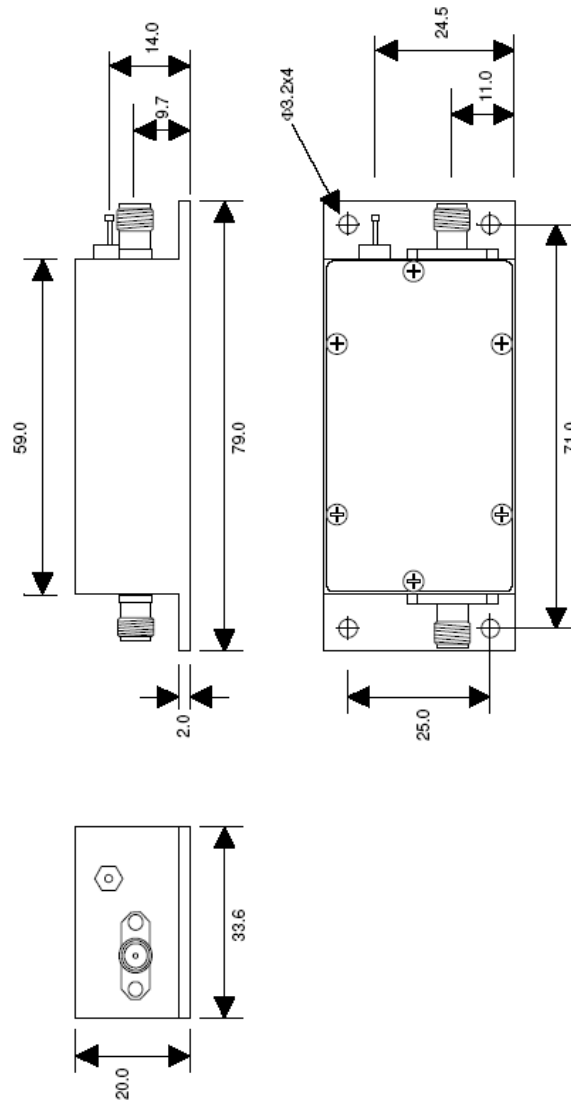


	Unit	Min	Typ.	Max.	
Bandwidth	MHz	160		870	
Gain (S21):	dB		25		
Gain flatness	dB			±2	
Input match:	dB	-12			
Output match:	dB	-12			
Isolation:	dB		25		
OIP3:	dBm		45.0		
P1dB:	dBm		30.0		
NF:	dB		4.9		
Input Power	dBm			+13	
Current sink	mA		500		Heatsink required
Power supply	V		12		
Operating case temperature	°C	-20		+70	
Storage temperature	°C	-55		+125	
Dimensions		See outline drawing			
Weight	g		85		

Measured at 25°C, in a 50Ω system at room temperature unless otherwise specified

# ALN500-24

## Outline Drawing



Echelle 1	⊙	Mat. Alu 2017	Dess.: FD
Atlantic RF Labs	HP-LNA		Approuvé : FD
48, Avenue de pinsan 33370 ARTIGUES			Fichier : ME12004-B.DRW
			Format : A4
			Ver: B

Finishing: Nickel-plated (except connectors)  
All dimensions in mm  
Tolerance: +/-0.1mm