

0.5-40GHz Low Noise Amplifier

P/N: LNA00540GBC40



Description:

The amplifier is low noise amplifier modules in a standard 2U rack with two input and output ports, and is controlled by two switches. The amplifier has typical small signal gain of 43 dB and a typical noise figure of 5.0 dB across the frequency range of 0.5 to 40 GHz. The typical output power P-1 18dBm. The AC power requirement for the amplifier is +220 VAC/50Hz. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.5-40		GHz
Gain	40	43		dB
Gain Flatness		±2.5	±3.5	dB
Input VSWR		2.0	2.5	-
Output VSWR		2.0	2.5	-
Output Power for (P1dB)		18		dBm
Output Power Psat		21		dBm
Spurious		60		dBc
Noise Figure		5.0		dB
Input Max Power(no damage)			-15	dBm
AC power supply		220V/50Hz		-
Impedance		50		Ω
Input/Output Connector		2.92mm-Female/2.92mm-Female		
Material		Aluminium		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°C
- ※ Storage Temperature -55°C~+125°C



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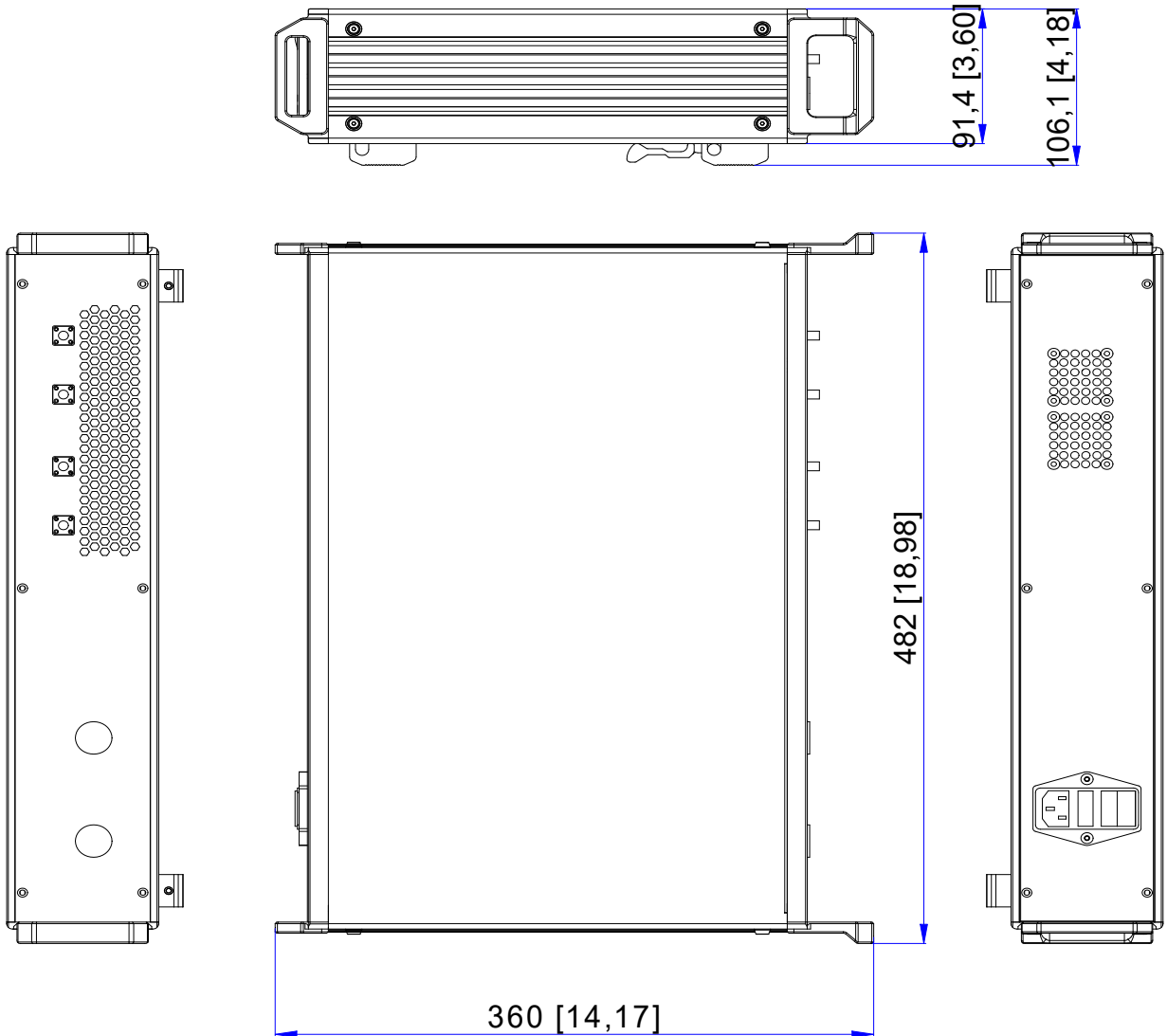
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■ Outline Drawing

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)



*****Heat Sink required during operation*****

NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.

MICZEN THCHNOLOGIES CO.,LTD.

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