

# 0.38-20GHz Power Amplifier

P/N: PA00382000GAC1W



## Description:

The power amplifier is a power amplifier with a typical small signal gain of 32 dB across the frequency range of 0.38 to 20 GHz. The typical output power is 31 dBm. The AC power requirement for the amplifier is 220/50Hz VAC. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

## Electrical Specifications ( +25°C ) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.38-20		GHz
Gain	30	32		dB
Gain Flatness		±3	±3.5	dB
Input VSWR			2.0	-
Output Power Psat	30	31		dBm
Input Max Power(no damage)			10	dBm
Spurious	60	65		dBc
Harmonic	10			dBc
Supply Voltage		220/50Hz		VAC
Impedance		50		Ω
Input/Output Connector		SMA-Female/SMA-Female		
Interface Control		DB9		
Material		Aluminium		
Weight		-		
Package Sealing		General Sealing (Standard)		

## Environmental Specifications:

- ※ Operational Temperature -20°C~+50°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE  
PRECAUTIONS ELECTROSTATIC  
SENSITIVE DEVICES

MICZEN THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

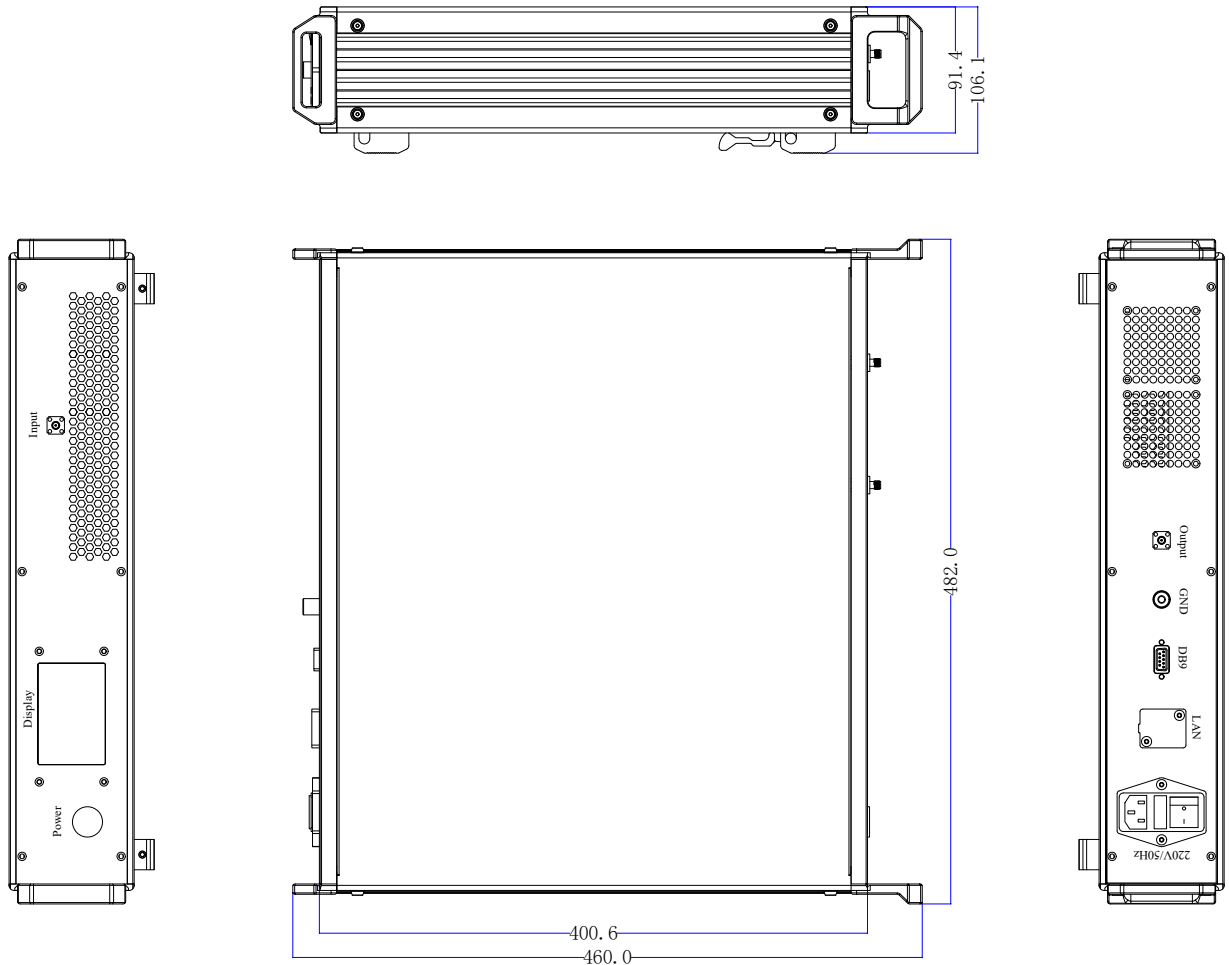
# 0.38-20GHz Power Amplifier

P/N: PA00382000GAC1W



## ■ Outline Drawing

All Dimensions in mm (inches) Tolerance  $\pm 0.25$  (0.01)



### Function:

1. Product with forced air cooling
2. Product with overheating protection
3. Products with output VSWR protection
4. Products with status display
5. Products with overload protection

**\*\*\*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.**

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com