

0.5-6GHz Power Amplifier

P/N: PA00506GAC30W



Description:

The power amplifier is a 30 W power amplifier with typical gain of 47 dB across the frequency range of 0.5 to 6 GHz. The typical output power P-1 is 44 dBm. The AC power requirement for the amplifier is 110~220V/50Hz. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.5-6		GHz
Small Signal Gain	45	47		dB
Gain Flatness		±4	±5	dB
Input VSWR		1.5	2.5	-
Output Power for (P1dB)	43	44		dBm
Output Power Psat		46		dBm
Input Max Power(no damage)			8	dBm
Harmonic Rejection	13	15		dB
AC Power Supply		110~220V/50Hz		
Impedance		50		Ω
Input/Output Connector		SMA-Female/SMA-Female		
Material		Aluminium		
Weight		/		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -40°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

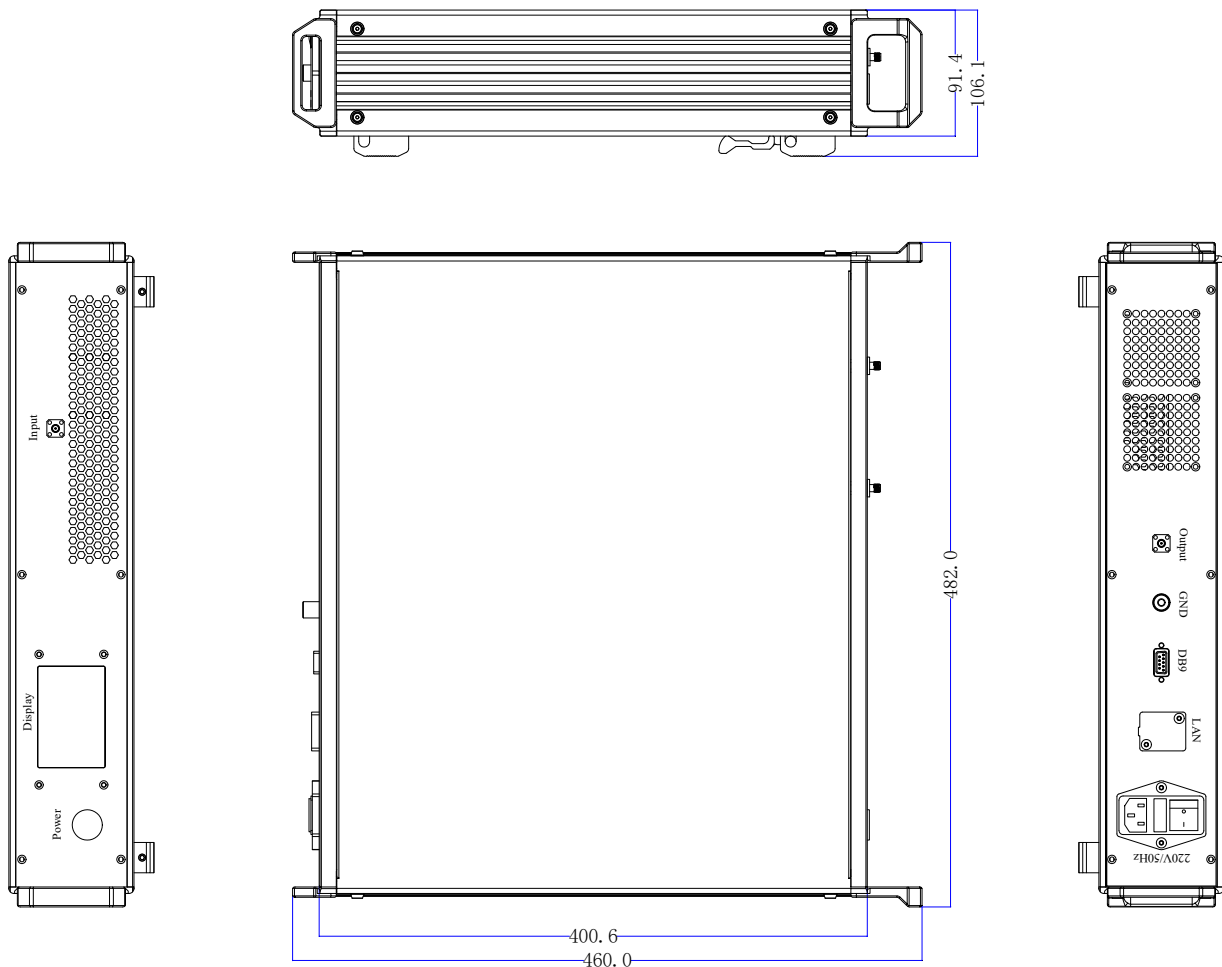
0.5-6GHz Power Amplifier

P/N: PA00506GAC30W



■ Outline Drawing

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



Function:

1. Product with forced air cooling
2. Product with overheating protection
3. Product with output VSWR protection
4. Product with status display
5. Product 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 THCNOLOGIES CO.,LTD.

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