

1.2-1.4GHz Power Amplifier

P/N: PA012014GAC500W



Description:

The power amplifier is a power amplifier with a typical small signal gain of 55 dB across the frequency range of 1.2 to 1.4 GHz. The typical output power is 57 dBm. The AC power requirement for the amplifier is 110~220/50Hz VAC. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		1.2-1.4		GHz
Gain	50	55		dB
Gain Flatness		±1		dB
Pulsed duty			25%	-
Max pulse length			1	ms
TTL gate bias control (3us switching times)		LOW=ON,HIGH=OFF		-
Efficiency (RF system)		50%		-
Input VSWR			1.5	:1
Output Power Psat		57		dBm
Supply Voltage		110~220/50Hz		VAC
Impedance		50		Ω
Input/Output Connector		N-Female/N-Female		
Interface Control		DB9		
Material		Aluminium		
Weight		-		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

- ※ Operational Temperature -25°C~+50°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

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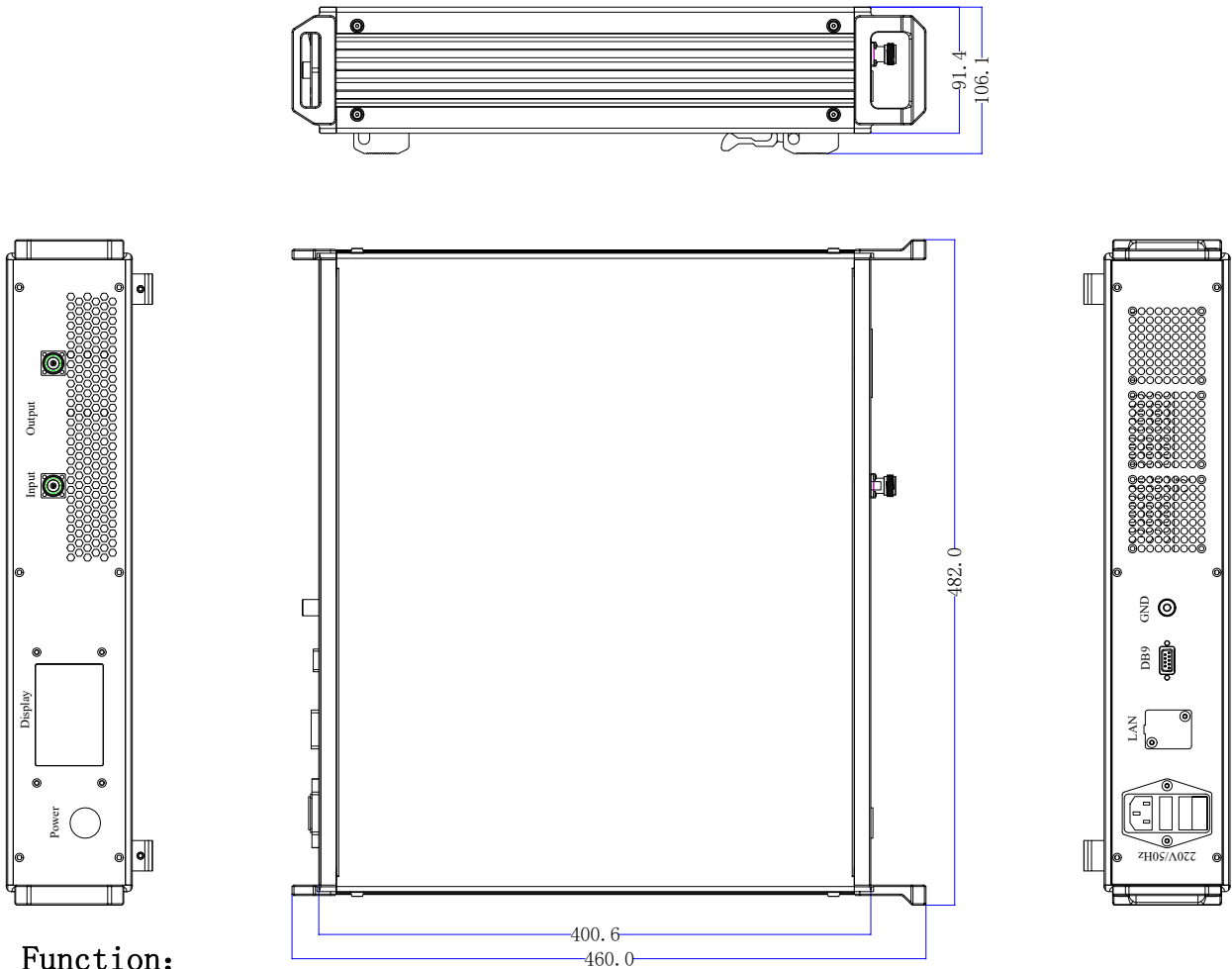
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■ Outline Drawing

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



Function:

1. Product with forced air cooling
2. Product with overheating protection
3. 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.

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