

40.75-43.25GHz 4W Power Amplifier

P/N: MZPA40754325GAC4W



Description:

The power amplifier is a 4W power amplifier with a typical small signal gain of 36 dB across the frequency range of 40.75 to 43.25 GHz. The typical output power P-1 34dBm. The DC power requirement for the amplifier is +9~15 VDC/0.9 A. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		40.75-43.25		GHz
Gain	36			dB
Gain Flatness		±2		dB
Input VSWR		1.8		-
Output Power for (P1dB)		34		dBm
Output Power Psat	35			dBm
Harmonic Rejection		15		dBm
Spurious		-60		dBc
Input Max Power(no damage)			5	dBm
Supply Voltage		110~220/50~60Hz		
Functional		VSWR Protection		
Impedance		50		Ω
Input/Output Connector		2.92mm-Female/2.92mm-Female		
Material		Aluminium		
Weight		5000g		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

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



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

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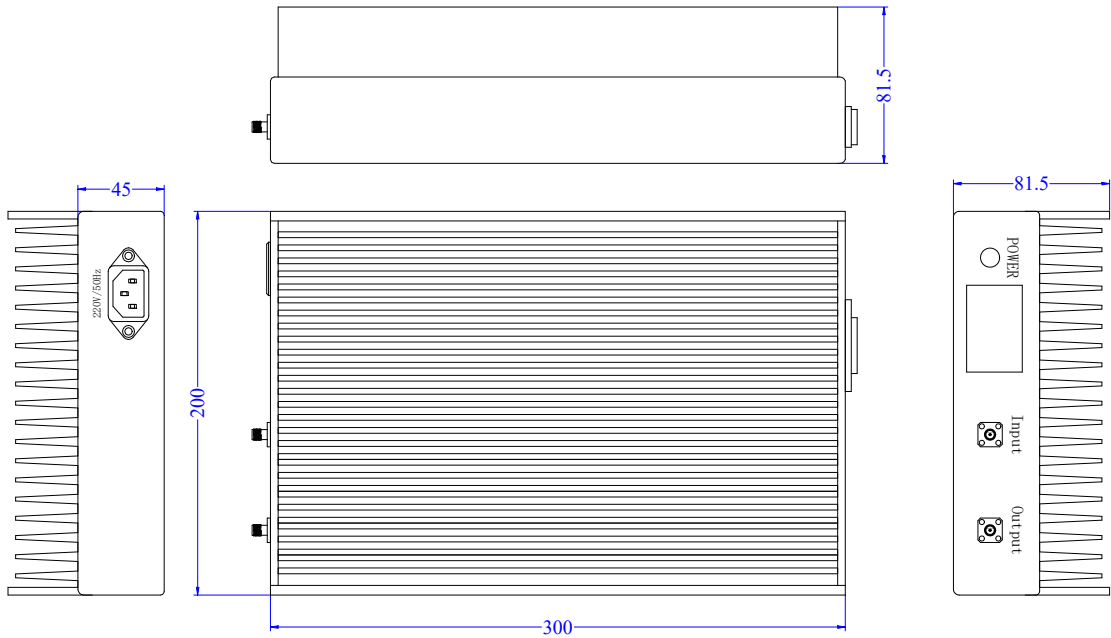
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■ Outline Drawing

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



*****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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