

0.2-10GHz Power Amplifier

P/N: PA002100GA0.5W-SR



Description:

The amplifier is a Power amplifier with a typical small signal gain of 35 dB and a typical noise figure of 3 dB across the frequency range of 0.2 to 10 GHz. The typical output power P-1 25dBm. The DC power requirement for the amplifier is +15 VDC/400 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		0.2-10		GHz
Gain	30		40	dB
Gain Flatness			±2.5	dB
Input VSWR		2.3		:1
Output VSWR		2.3		:1
Output Power for (P1dB)	25			dBm
Spurious	70			dBc
Noise Figure			3	dB
Input Max Power(no damage)			0	dBm
DC Current (Vcc=+15V)		400		mA
Impedance		50		Ω
Input/Output Connector	SMA-Female/SMA-Female			
Material	Aluminium			
Weight	-			
Package Sealing	Gold Painting(Standard)			

Environmental Specifications:

- ※ Operational Temperature -25°C~+85°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

