

# 20-67GHz Low Noise Amplifier

P/N: LNA2067GA30



## Description:

The amplifier is a low noise amplifier with a typical small signal gain of 30 dB and a typical noise figure of 5.0 dB across the frequency range of 20 to 67 GHz. The typical output power P-1 10dBm. The DC power requirement for the amplifier is +12VDC/300 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

## Electrical Specifications ( +25°C ) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		20-67		GHz
Gain	30	33		dB
Gain Flatness		±3.0		dB
Input VSWR		2.0		-
Output VSWR		2.0		-
Output Power for (P1dB)		10		dBm
Output Power Psat		12		dBm
Spurious		-60		dBc
Output IP3		23		dBm
Noise Figure		5.0	8.0	dB
Input Max Power(no damage)			-5	dBm
DC Current (Vcc=+12V)		300		mA
Impedance		50		Ω
Input/Output Connector		1.85mm-Female/1.85mm-Female		
Material		Aluminium/Gold Painting		
Weight		50g		
Package Sealing		General Sealing (Standard)		

## Environmental Specifications:

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



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