

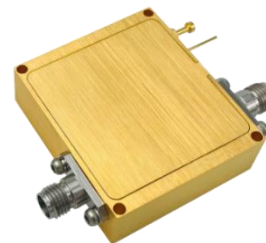
0.01-67GHz Low Noise Amplifier

P/N: MZLNA0067GA25



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 25 dB and a typical noise figure of 5 dB across the frequency range of 0.01 to 67 GHz. The typical output power P-1 15dBm. The DC power requirement for the amplifier is +12 VDC/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		0.01-67		GHz
Gain		25		dB
Gain Flatness		±3		dB
Input VSWR		2.0		-
Output VSWR		2.0		-
Output Power for (P1dB)		15		dBm
Output Power Psat		16		dBm
Spurious		-60		dBc
Noise Figure		5.0		dB
Output IP3		23		dBm
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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