

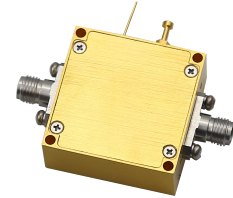
40-60GHz Low Noise Amplifier

P/N: LNA4060GW20



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 40 to 60 GHz. The typical output power P-1 15dBm. The DC power requirement for the amplifier is +8 VDC/250 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		40-60		GHz
Gain	20		30	dB
Gain Flatness		±3		dB
Input VSWR		2.0		-
Output VSWR		2.0		-
Output Power for (P1dB)		15		dBm
Output Power Psat		17		dBm
Spurious		-60		dBc
Noise Figure		5.0		dB
Output IP3		25		dBm
Input Max Power(no damage)			-10	dBm
DC Current (Vcc=+8V)		250		mA
Impedance		/		Ω
Input/Output Connector		WR19 UG-383/U		
Material		Aluminium\Gold Painting		
Weight		100g		
Package Sealing		General Sealing (Standard)		

Environmental Specifications:

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



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