

26.5-40GHz Low Noise Amplifier

P/N:LNA26540GA43



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 45 dB and a typical noise figure of 3.8 dB across the frequency range of 26.5 to 40 GHz. The typical output power P-1 18dBm. The DC power requirement for the amplifier is +12 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		26.5-40		GHz
Gain	43	45		dB
Gain Flatness		2.6	3.0	dB
Input VSWR			2.0	:1
Output VSWR			2.0	:1
Output Power for (P1dB)	18	19		dBm
Saturated Output Power (Psat)		20		dBm
Spurious	60			dBc
Noise Figure		3.8	4.0	dB
Output IP3		20		dBm
Input Max Power(no damage)			-20	dBm
DC Current (Vcc=+12V)		400		mA
Impedance		50		Ω
Input/Output Connector	2.92mm-Female/2.92mm-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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