

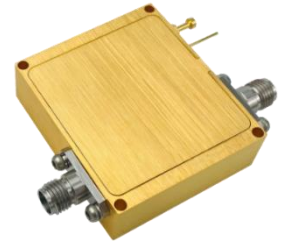
18-50GHz Low Noise Amplifier

P/N: MZLNA1850GC30



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 33 dB and a typical noise figure of 6.5 dB across the frequency range of 18 to 50 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		18-50		GHz
Gain	30	33		dB
Gain Flatness		±2.5	±3.0	dB
Input VSWR		1.8	2.5	-
Output VSWR		1.8	2.5	-
Output Power for (P1dB)	16	18		dBm
Output Power Psat		19		dBm
Noise Figure		4.5	6.5	dB
Spurious		-60		dBc
Output IP3		30		dBm
Input Max Power(no damage)			-10	dBm
DC Current (Vcc=+12V)		400		mA
Impedance		50		Ω
Input/Output Connector	2.4mm-Female/2.4mm-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



OBSERVE
PRECAUTIONS ELECTROSTATIC
SENSITIVE DEVICES

MICZEN THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

