

16-45GHz Low Noise Amplifier

P/N: LNA1645GA32



Description:

The amplifier is a low noise amplifier with a typical small signal gain of 34 dB and a typical noise figure of 6 dB across the frequency range of 16 to 45 GHz. The typical output power P-1 21dBm. The DC power requirement for the amplifier is +12~+15 VDC/350 mA. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

Electrical Specifications (+25°C) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		16-45		GHz
Gain	32	34		dB
Gain Flatness		±3		dB
Gain Variation Over Temperature		±1.5		dB
Input VSWR		2.2		-
Output VSWR		2.2		-
Output Power for (P1dB)	17	21		dBm
Output Power Psat		22		dBm
Spurious	60			dBc
Noise Figure		6.5	8	dB
Input Max Power(no damage)			-8	dBm
DC Current (Vcc=+12-15V)		350	400	mA
Altitude	30000		60000	feet
Impedance		50		Ω
Input/Output Connector	2.92mm-Female/2.92mm-Female			
Material	Aluminium/Gold Painting			
Weight	-			
Package Sealing	General Sealing (Standard)			

Environmental Specifications:

- ※ Operational Temperature -45°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

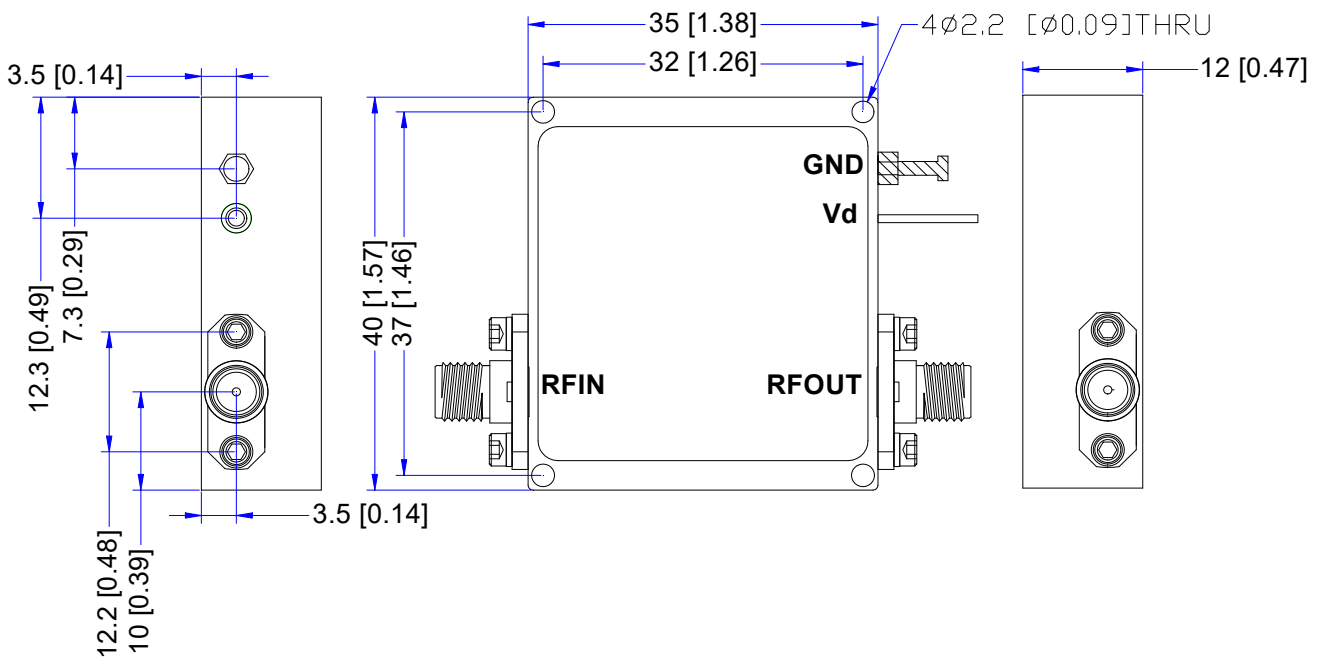
16-45GHz Low Noise Amplifier

P/N: LNA1645GA32



■ Outline Drawing

All Dimensions in mm (inches) Tolerance ± 0.25 (0.01)



*****Heat Sink required during operation*****

NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.

MICZEN THCHNOLOGIES CO.,LTD.

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