



**Features**

- Gain: 16dB Typ.
- P1dB: 21dBm Max.
- Customization Available

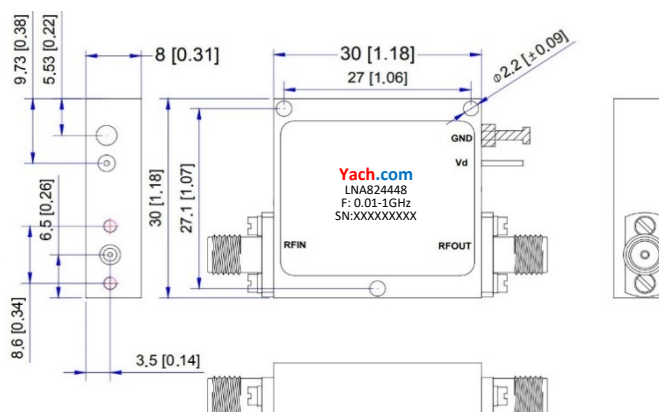
**Applications**

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.01		1	GHz
Gain	15	16	17	dB
Gain Flatness @10 to 550MHz			±1.0	dB
Input Output VSWR		1.6	2.0	/
Noise Figure		1.5	2	dB
Output Power for 1 dB Compression (P1dB)	18		21	dBm
Saturated Output Power (Psat)		19		dBm
Output IP3	27	30		dBm
Spurious		-60		dBc
Input Max Power(no damage)			5	dBm
DC Current (Vcc=+12V)		140	150	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Weight		50 g		
Package Sealing		General Sealing (Standard)		
Operational Temperature		-45°C~+85°C		
Storage Temperature		-55°C~+125°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance ±0.25[0.01]



Heat Sink required during operation