



Features

- Gain: 40dB Min.
- P1dB: 12dBm Typ.
- Customization Available

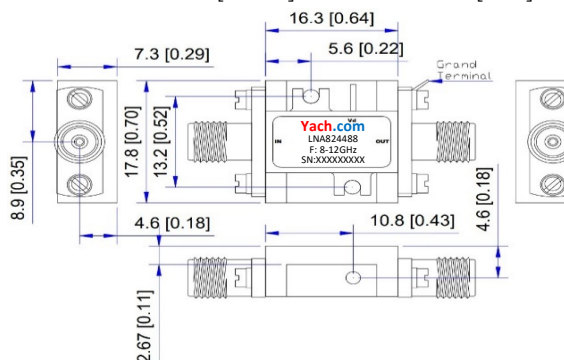
Applications

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	8		12	GHz
Gain	40			dB
Gain Flatness			±1.5	dB
Noise Figure		0.9		dB
Input VSWR		1.8	2.0	/
Output VSWR		1.6	2.0	/
Output IP3		20		dBm
Output Power for 1 dB Compression (P1dB)	10	12		dBm
Output Power (Psat)		13		dBm
Spurious			-60	dBc
Input Max Power			-25	dBm
DC Current (Vcc=+12~15V)			250	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material / Finishing		Aluminium\Gold		
Weight		50 g		
Package Sealing		Hermetical Sealing (Laser seal welding)		
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