



Features

- Gain: 42dB Typ.
- P1dB: 25dBm Min.
- Customization Available

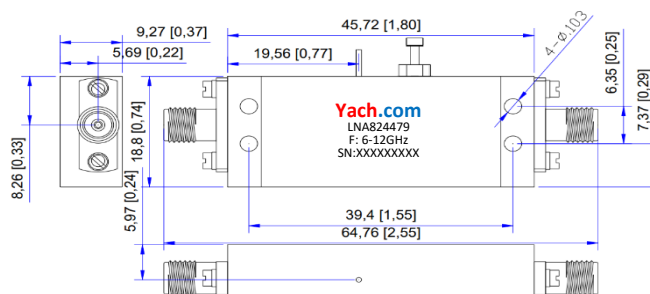
Applications

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	6		12	GHz
Gain		42		dB
Gain Flatness		±1.5	±2	dB
Gain Variation Over Temperature		±1		dB
Noise Figure			2.5	dB
Input Output VSWR		1.5		/
Output IP3		35		dBm
Output Power for 1 dB Compression (P1dB)	25			dBm
Output Power (Psat)		26		dBm
Spurious		-60		dBc
Input Max Power(no damage)			-15	dBm
DC Current (Vcc=+12~15V)		300		mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material / Finishing		Aluminium\Gold Plated		
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