

Features

- Gain: 30dB Typ.
- P1dB: 16dBm Typ.
- Customization Available

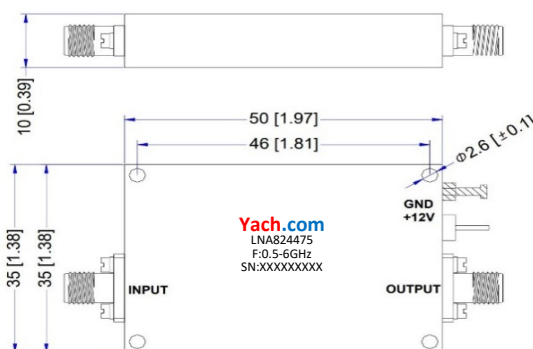
Applications

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.5		6	GHz
Gain	28	30		dB
Gain Flatness		±1.0	±1.5	dB
Input VSWR		1.8	2.5	/
Output VSWR		1.5	2.0	/
Noise Figure		2.5	3.5	dB
Output Power for 1 dB Compression (P1dB)	15	16		dBm
Output IP3		25		dBm
Spurious		-60		dBc
Input Max Power(no damage)			-10	dBm
DC Current (Vcc=+12V)		120	130	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material /Finishing		Aluminium\Nicek Painting		
Weight		80 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