



Features

- Gain: 36dB Typ.
- P1dB: 31dBm Min.
- Customization Available

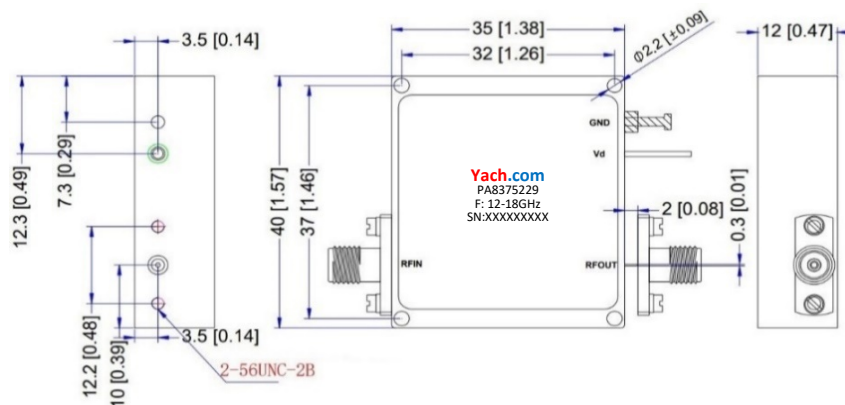
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	12		18	GHz
Gain	33	36		dB
Gain Flatness		± 1.5		dB
Input Output VSWR		1.8		/
Output Power for 1 dB Compression (P1dB)	31			dBm
Saturated Output Power (Psat)	33	34		dBm
Spurious		-60		dBc
Input Max Power(no damage)			10	dBm
DC Current (Vcc=12V) (@Pout=2W)		1.5	2	A
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material /Finishing		Aluminium/Gold Painting		
Dimension		40 x 35 x 12 mm		
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