



Features

- Gain: 30dB Typ.
- P1dB: 25dBm Typ.
- Customization Available

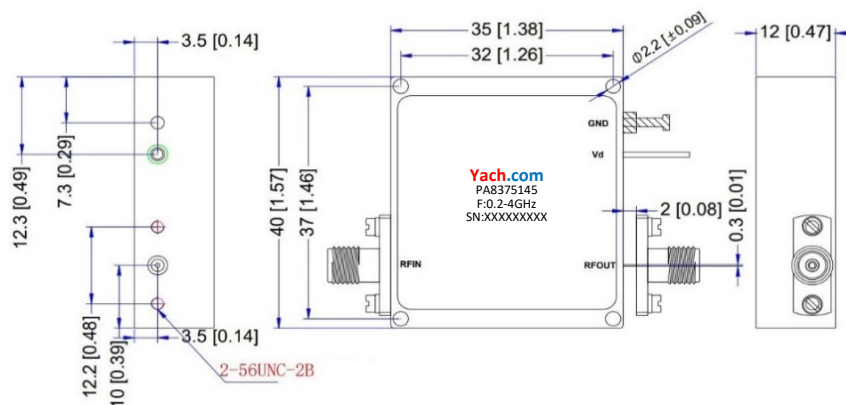
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.2		4	GHz
Gain		30		dB
Gain Flatness		±2		dB
Input Output VSWR		2.0		/
Output Power for 1 dB Compression (P1dB)		25		dBm
Noise Figure		5		dB
Saturated Output Power (P _{sat})		27		dBm
Second Harmonic		-15	-13	dB
Spurious		-60		dBc
Input Max Power(no damage)			5	dBm
Supply Current (I _{dd}) (V _{cc} =+12V) @P1dB			600	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material /Finishing		Aluminium/Gold Painting		
Weight		50 g		
Package Sealing		Standard Sealing		
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