



Features

- Gain: 37dB Typ.
- P1dB: 30dBm Min.
- Customization Available

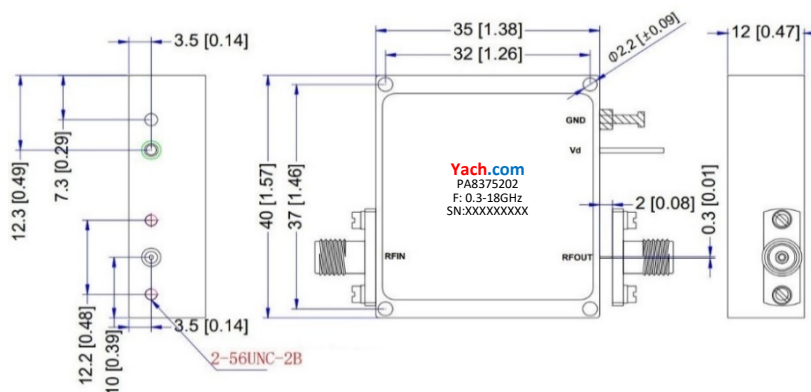
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.3		18	GHz
Gain		37		dB
Gain Flatness		±2.5		dB
Input Output VSWR		2.0		/
Noise Figure		5		dB
Output Power for 1 dB Compression (P1dB)	30			dBm
Saturated Output Power (Psat)		31		dBm
Input Max Power(no damage)			5	dBm
Second Harmonic		-15	-13	dBc
Spurious		-60		dBc
DC Current (Vcc=+12v)@(P1dB)		800	900	mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material/Finishing		Aluminium/Conductive oxide		
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