



Features

- Gain: 25dB Typ.
- P1dB: 27dBm Typ.
- Customization Available

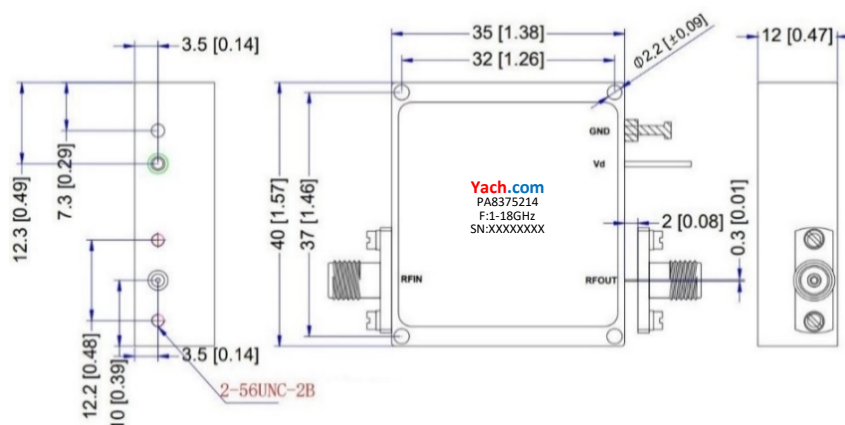
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	1		18	GHz
Gain	20	25		dB
Gain Flatness		±3		dB
Input VSWR		1.5	2.0	/
Output VSWR		1.8	2.0	/
Output Power for 1 dB Compression (P1dB)	26	27		dBm
Output IP3		40		dBm
Noise Figure		5		dB
Saturated Output Power (Psat)	28			dBm
Second Harmonic		-15	-13	dB
Spurious		-60		dBc
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+12V)		500		mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material /Finishing		Aluminium/Conductive oxide		
Weight		50 g		
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