

Features

- Gain: 38dB Typ.
- P1dB: 37dBm Typ.
- Customization Available

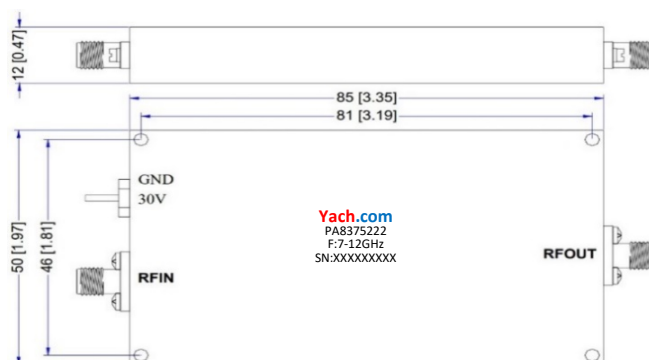
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	7		12	GHz
Gain	35	38		dB
Gain Flatness		±1.5	± 2.5	dB
Input Output VSWR		1.5	2.0	/
Harmonic Rejection		15		dB
Noise Figure		6		dB
Output Power for 1 dB Compression (P1dB)	36	37		dBm
Saturated Output Power (Psat)		38		dBm
Input Max Power(no damage)			10	dBm
DC Current (Vcc=+28V) (@Pout=5W)		2		A
Spurious		-60		dBc
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Weight		300g		
Dimension		85 x 50 x 12mm		
Operational Temperature		-35°C~+70°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