



**Features**

- Gain: 21dB Typ.
- P1dB: 30dBm Typ.
- Customization Available

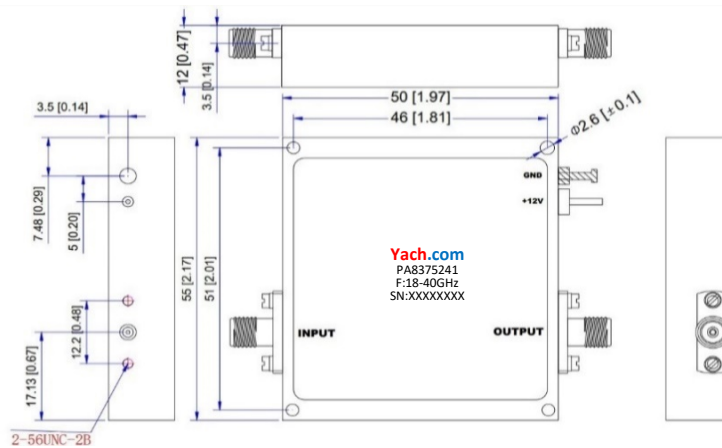
**Applications**

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	18		40	GHz
Gain	18	21		dB
Gain Flatness		± 2.5		dB
Input VSWR		2.0		/
Output VSWR		2.0		/
Output Power for 1 dB Compression (P1dB)	28	30		dBm
Saturated Output Power (Psat)		31		dBm
Input Max Power(no damage)			15	dBm
DC Current (Vcc=+12V)		800	900	mA
Impedance		50 Ω		
Input Output Connector		2.92mm Female		
Material		Aluminium		
Weight		50g		
Dimension		125 x 95 x 12mm		
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