



Features

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

Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	1		40	GHz
Gain	20	25		dB
Gain Flatness		± 3		dB
Input VSWR		1.5	3.0	/
Output VSWR		2.0	3.0	/
Output Power for 1 dB Compression (P1dB)		30		dBm
Output IP3		37		dBm
Saturated Output Power (Psat)		31		dBm
Noise Figure		13		dB
Spurious		-60		dBc
Input Max Power(no damage)			+20	dBm
Supply Current @Pout=1W		20 A		
AC		110-240V/47-63Hz		
Impedance		50 Ω		
Input Output Connector		2.92mm Female		
Material		Aluminium		
Operational Temperature		0°C~+50°C		
Storage Temperature		-20°C~+75°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance ±0.25[0.01]

