



**Features**

- Gain: 36dB Typ.
- P1dB: 26dBm Min.
- Customization Available

**Applications**

- Radar Systems
- Communication Systems
- Receivers Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.1		18	GHz
Gain	33	36	39	dB
Gain Flatness		± 3		dB
Input Output VSWR			2.2	/
Noise Figure			6 @0.1-1GHz 4.5 @1-18GHz	dB
Output Power for 1 dB Compression (P1dB)	26			dBm
Output Power (P <sub>sat</sub> )	27	28		dBm
Input Max Power(no damage)			3	dBm
Supply Current (I <sub>dd</sub> ) (AC=220V)		850		mA
Amplitude and Phase Stability in 8 hours		0.2dB; 3°@15minute		
Batch Amplitude Consistency			± 1.5	dB
Impedance		50 Ω		
Input Output Connector		SMA Female		
Dimension		200 x 140 x 68 mm		
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, Tolerance ±0.25

