



Features

- Gain: 55dB Typ.
- P1dB: 46dBm Typ.
- Customization Available

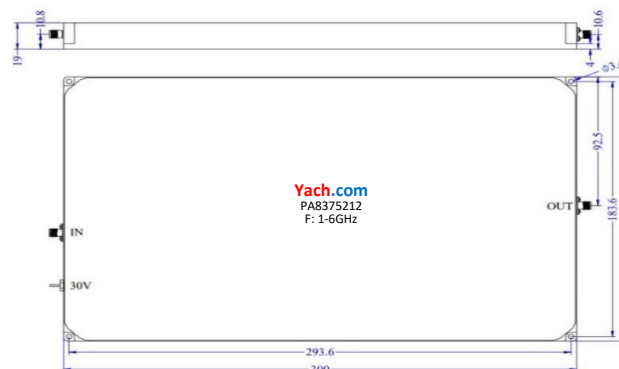
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	1		6	GHz
Gain	50	55		dB
Gain Flatness		± 2	± 4	dB
Input VSWR		1.5	2.5	/
Harmonic Rejection		13		dB
Output Power for 1 dB Compression (P1dB)	45	46		dBm
Saturated Output Power (Psat)	48	49		dBm
Input Max Power(no damage)			5	dBm
DC Current (Vcc=+28~30V) (@Pout=60W)		6	8	A
Spurious		-60		dBc
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material/Package Sealing		Aluminium/General Sealing (Standard)		
Weight		700g		
Operational Temperature		-30°C~+70°C		
Storage Temperature		-45°C~+85°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm. Tolerance ±0.25



Heat Sink required during operation