

◆ 2-18GHz宽带固态大功率放大器

2 – 18GHz, Broadband Power Amplifier

This solid-state broadband power amplifier has good performance, high power and high efficiency output. It can provide 2W to 200W output power within the bandwidth from 2GHz to 18GHz, widely used in microwave TR field.

Advantages

- 1 High power and efficiency
- 2 Super broad band
- 3 High reliability and durability
- 4 Remote control, monitor and protection circuit built in.
- 5 Abundant customized services

Technical Parameter

Frequency	2GHz~18GHz(Typical)
Small signal gain	43dB(Typical)
Gain flatness	±3dB
Gain varies from temperature	3dB
Saturated output power(Psat)	+46dBm(Typical)
Efficiency@ Saturated power	15%
VSWRin	2:1
Harmonic suppression	20dBc
Spurious suppression	60dBc
Power consumption (P1dB output power)	500W

Environmental index

Working temperature	220V
Working current	2A(Typical)
Working temperature	0°C to+50°C
Storage temperature	-40°C to+70°C

Mechanical specifications

Dimension (Length X Width X Height)	635×483×152.mm
Weight	25kg
RF interface	Input interface:N adapter (F) Output adapter: N adapter(F)
Monitoring communications mode	RS-485

Protection specifications

Maximum output power	+10dBm
Output mismatch@P1dB At any phase and radiation	5:1
Overheat protection temperature	85°C

Products selection

(2GHz~18GHz:2W, 5W, 10W, 20W, 40W, 80W, 100W, 200W option)

Outline Drawings

