

SPA-6-18-200 Solid State Power Amplifier

(6GHz - 18GHz, 200W)

Key Features

- Multi-octave broadband performance
- High output power
- Wide dynamic range
- High-efficiency GaN technology
- Low power consumption
- Low spurious signal
- Extremely load-resistant
- Built-in control, monitoring and protection circuits
- Over voltage, over temperature, over current, overdrive protection protection
- CE, RoHS certification



Overview

Saluki SPA-6-18-200 is a solid-state RF power amplifier with an output frequency of 6GHz to 18GHz and an output power of 200W. Its design is based on the most advanced GaN technology in the industry, and its power output is efficient and reliable. It is mainly used for testing and measuring instruments, Communication or interference, aviation control and other fields. The product has functions such as temperature and current detection, alarm protection and so on.

Technical Specifications

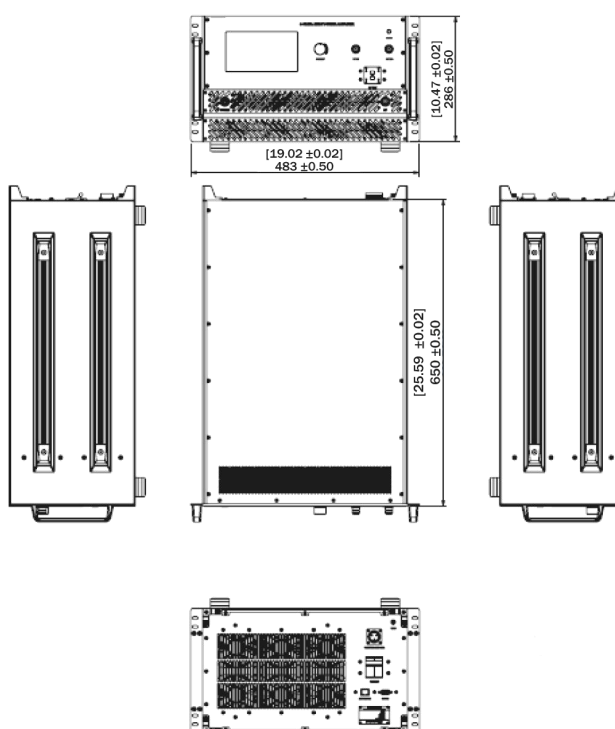
SPA-6-18-200			
Frequency Range	6GHz - 18GHz	Input Power	0dBm (max.)
Output Power	200W (min.)	Harmonic	-15/-8dBc (typ./max.)
P3dB Output Power	120W (min.)	Background Noise	-36dBm/MHz (max.)
Gain	53dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 5dB (max.)	Input VSWR	1.5:1 (typ.)
Adjustable Gain	20dB (max.)	Impedance	50 ohm
Input Port	SMA (female)	Output Port	WRD650

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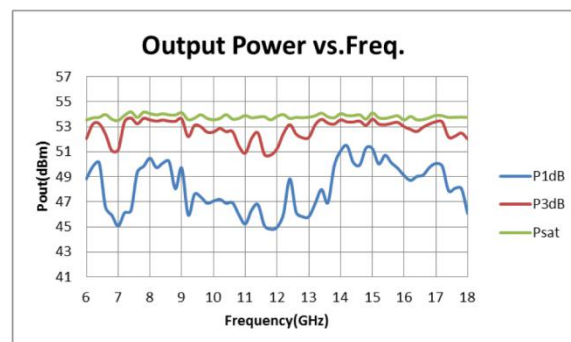
Communication Interface	RS485, LAN	Power Supply	AC 220V±10%, 50/60Hz
Dimension	19", 5U	Cooling Type	Air cooling
Operating Temperature	0 - 50°C		

Outline Structure



Options

Module No.	Item
001	Forward & reverse power monitoring
002	Input power detection
003	GPIB interface



Note: Information will conduct the necessary updates, the contents of this document are subject to change without notice.