

SPA-6-18-50 Solid State Power Amplifier

(6GHz - 18GHz, 50W)

Key Features

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



Overview

Saluki SPA-6-18-50 is a solid-state RF power amplifier with an output frequency of 6GHz to 18GHz and an output power of 50W. 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

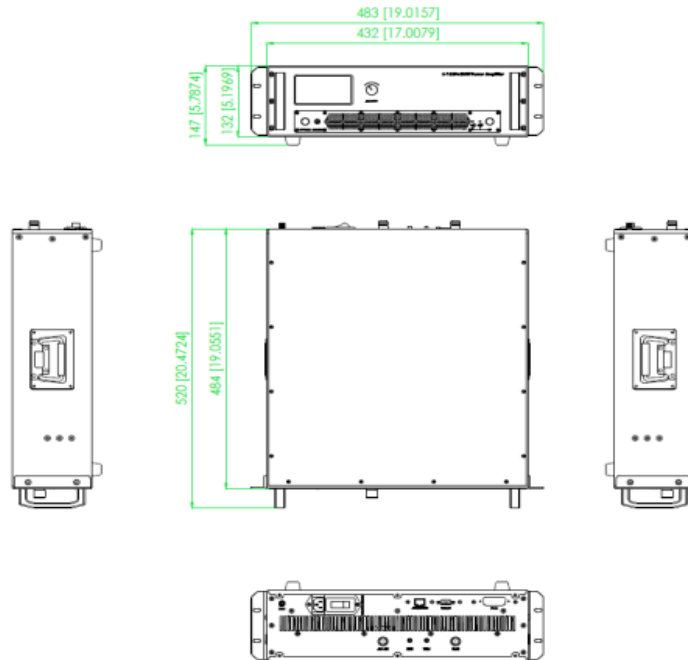
SPA-6-18-50			
Frequency Range	6GHz - 18GHz	Input Power	0dBm (max.)
Psat	50W (min.)	Harmonic	-15/-10dBc(typ/max)
P1dB	25W(min.)	Background noise	-40dBm/MHz(max.)
Gain	47dB (min.)	Spurious	-60dBc(max.)
Gain Flatness	± 4dB (max.)	Input VSWR	2.0:1 (max.)
Adjustable Gain	20dB (max.)	Impedance	50 ohm
Input Port	Type-N (female)	Output Port	Type-N (female)

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Communication Interface	RS485, LAN	Power Supply	AC 220V±10%, 50/60Hz
Dimension	19", 3U	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.