

SPA-40-54-120 Solid State Power Amplifier

(40GHz-54GHz,120W)

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 and overdrive protection
- CE, RoHS certification



Overview

Saluki SPA-40-54-120 is a solid-state RF power amplifier with an output frequency of 40GHz to 54GHz and an output power of 120W. 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-40-54-120			
Frequency Range	40GHz-54GHz	Harmonic	-20dBc (typ.)
Gain Flatness	±10dB(max.)	Spurious	-60dBc (max.)
Saturated output power	120W (min.)	Input VSWR	1.5:1 (typ.)
		Gain	52dB (min.)
		Adjustable Gain	15dB (max.)

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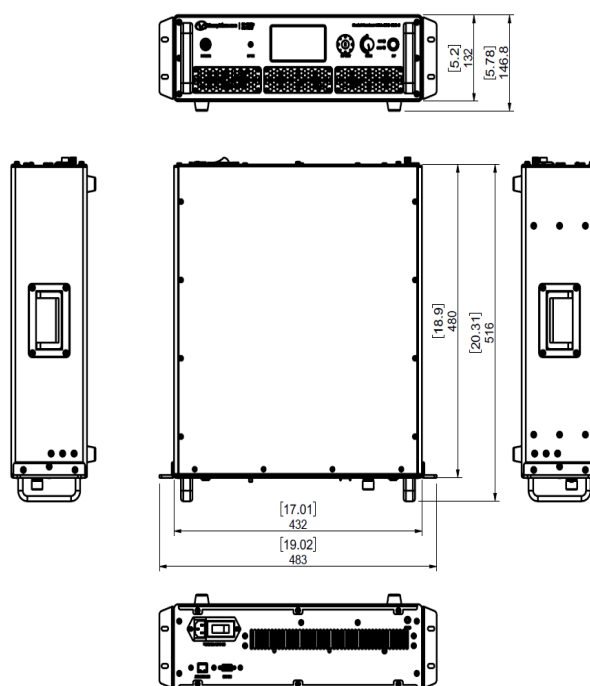
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Input Port	1.85-F, Front Panel	Output Port	WR19,Front Panel
Control Interface	RS485、LAN	Power Supply	AC 220V±10%, 50/60Hz
Dimension	19"6U	Cooling Type	Air cooling
Operating Temperature	0 to 50 °C	Input Impedance	50

Outline Structure:

The following appearance and structure are for reference only. The specific dimensions are subject to the actual object.



Options:

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

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

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