

SPA-2-18-20 Solid State Power Amplifier

(2GHz - 18GHz, 20W)

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, overdrive and over VSWR protection
- CE, RoHS certification



Overview

Saluki SPA-2-18-20 is a solid-state RF power amplifier with an output frequency of 2GHz to 18GHz and an output power of 20W. 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-2-18-20			
Frequency Range	2GHz - 18GHz	Harmonic	-10dBc (max.)
Psat	20W (min.)	Spurious	-60dBc (max.)
Input Power	0dBm (max.)	Input VSWR	2:1 (max.)
Gain	43dB (min.)	Noise Floor	-40dBm (max.)
Gain Flatness	± 5dB (max.)	Adjustable Gain	20dB (max.)

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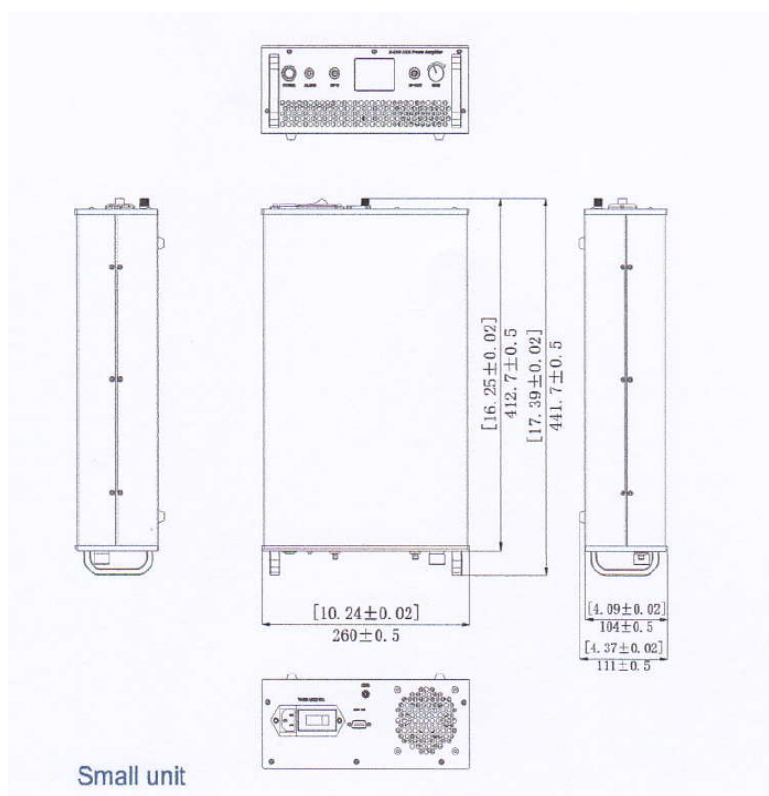
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Input Port	SMA (female)	Output Port	SMA (female)
Control Interface	RS485	Power Supply	AC 220V±10%, 50/60Hz
Dimension	412X260X104	Cooling Type	Air cooling
Operating Temperature	0 to 50 °C	Input Impedance	50

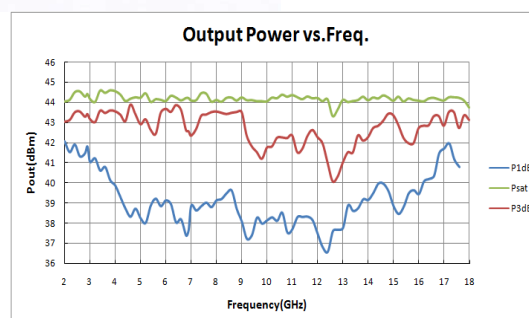
Outline Structure:

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	GPIB programmable interface
003	LAN bus programmable interface



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

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