

# SPA-18-40-20 Solid State Power Amplifier

(18GHz - 40GHz, 20W)

## Key Features

- Multi-octave broadband performance
- High output power
- Wide dynamic range
- High-efficiency GaN technology
- Low power consumption
- Low spurious signal
- Forward/reverse power monitoring
- Extremely load-resistant
- Over voltage, over temperature, over current protection
- Optional overdrive protection
- CE, RoHS certification



## Overview

Saluki SPA-18-40-20 is a solid-state RF power amplifier with an output frequency of 18GHz to 40GHz 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

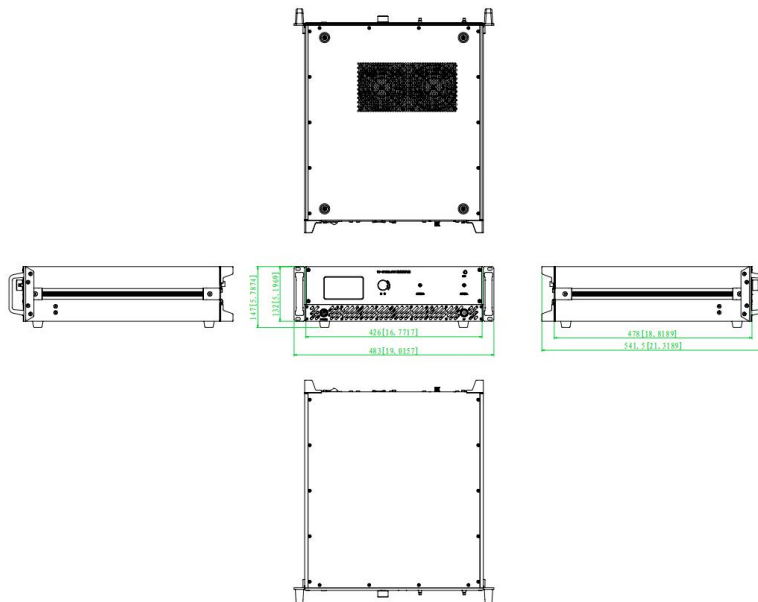
SPA-18-40-20			
Frequency Range	18GHz - 40GHz	Input Power	0dBm (max.)
Output Power	20W (min.)	Harmonic	-10dBc (typ.)
Gain	43dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 7dB (max.)	Input VSWR	2:1 (typ.)
Adjustable Gain	15dB (max.)	Impedance	50 ohm
Input Port	2.92mm-F, front panel	Output Port	24JS18000, front panel

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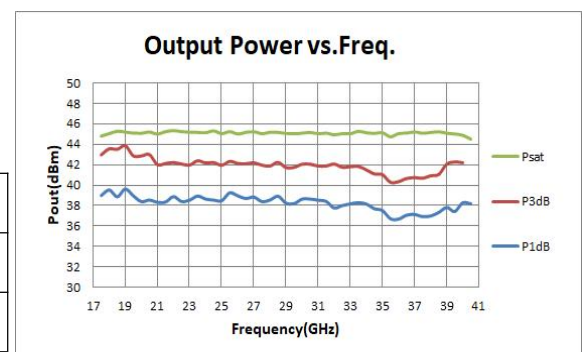
Communication Interface	RS485, LAN	Power Supply	AC 220V $\pm$ 10%,50/60Hz
Dimension	19" , 3U	Cooling Type	Air cooling
Operating Temperature	0 - 50 $^{\circ}$ C		

## Outline Structure



## Options

001	Forward/reverse power MONITORING
002	Input power detection
003	GPIO interface



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