

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

(18GHz - 40GHz, 40W)

## 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-18-40-10 is a solid-state RF power amplifier with an output frequency of 18GHz to 40GHz and an output power of 40W. 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

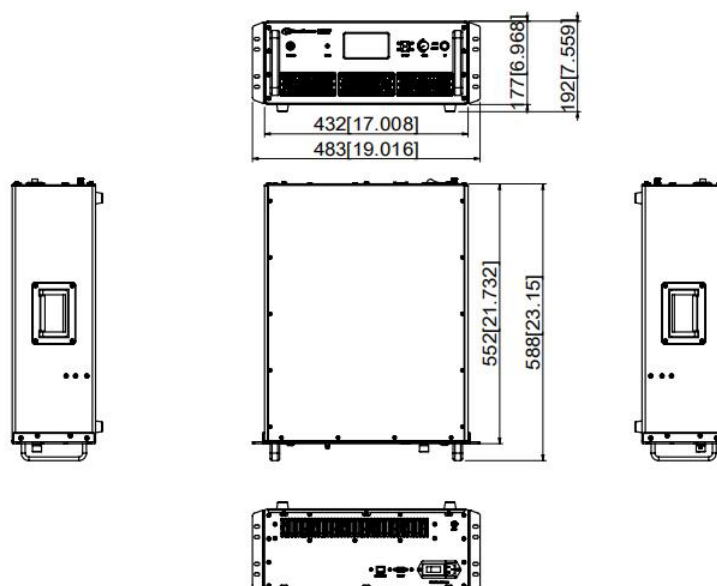
SPA-18-40-10			
Frequency Range	18GHz - 40GHz	Input Power	0dBm (max.)
Output Power	40W (min.)	Harmonic	-10dBc (typ.)
Gain	50dB (min.)	Spurious	-60dBc (max.)
Gain Flatness	± 6dB (max.)	Input VSWR	2:1 (max.)
Adjustable Gain	15dB	VSWR Protection	3:1
Input Port	2.92mm-F, Front panel	Output Port	24JS18000, Front panel

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<b>Communication Interface</b>	RS485, LAN	<b>Power Supply</b>	AC 220V±10%, 50/60Hz
<b>Dimension</b>	19", 4U	<b>Impedance</b>	50 ohm
<b>Operating Temperature</b>	0 - 50°C	<b>Cooling Type</b>	Air cooling

## Outline Structure



## Options

001	Forward/Reverse Power Monitoring
002	Input power detection
003	GPIO program control interface

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