SPA-18-40-5 Solid State Power Amplifier

(18GHz - 40GHz, 5W)

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-18-40-5 is a solid-state RF power amplifier with an output frequency of 18GHz to 40GHz and an output power of 5W. 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-18-40-5			
Frequency Range	18GHz - 40GHz	**Input Power**	0dBm (max.)
Psat	5W (min.)	**Harmonic**	-10dBc (typ.)
Gain	37dB (min.)	**Spurious**	-60dBc (max.)
Gain Flatness	± 6dB (max.)	**Input VSWR**	2:1 (typ.)
Adjustable Gain	15dB (max.)	**Impedance**	50 ohm
Input Port	2.92mm-F, front panel	**Output Port**	2.92mm-F, front panel

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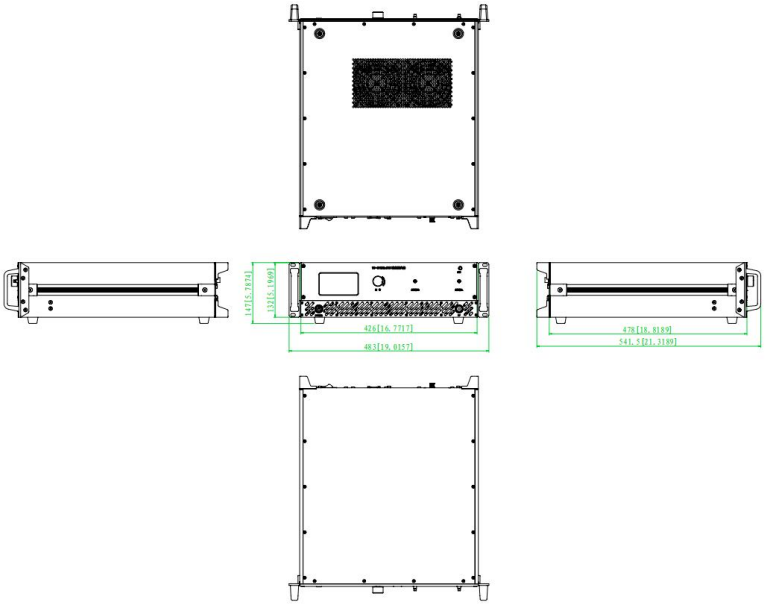
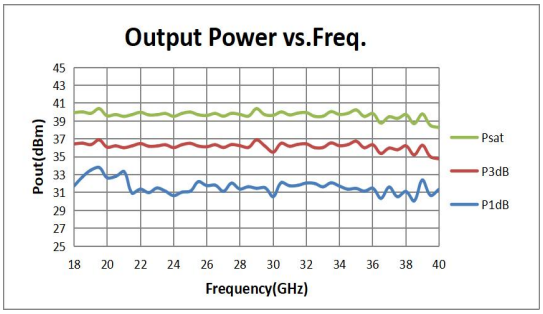
Communication Interface	RS485, LAN	**Power Supply**	AC 220V±10%,50/60Hz
Dimension	19”，3U	**Cooling Type**	Air cooling
Operating Temperature	0 - 50℃		

Outline Structure



Options

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.*

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