

SPA-10M-50-1 Solid State Power Amplifier

(10MHz - 50GHz, 1W)

Key Features

- Multi-octave broadband performance
- High output power
- Wide dynamic range
- Low power consumption
- Low spurious signal
- Extremely load-resistant
- Internal control, monitoring and protection circuit
- CE, RoHS certification



Overview

Saluki SPA-10M-50-1 is a solid-state RF power amplifier with an output frequency of 10MHz to 50GHz and an output power of 1W. 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

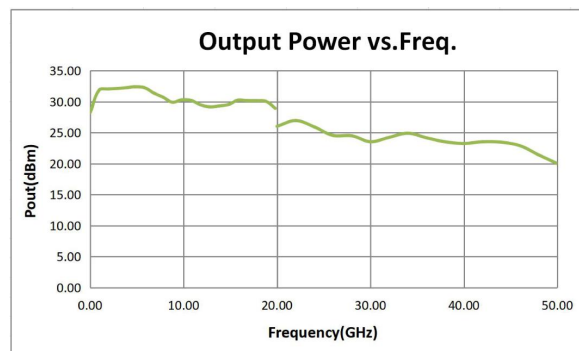
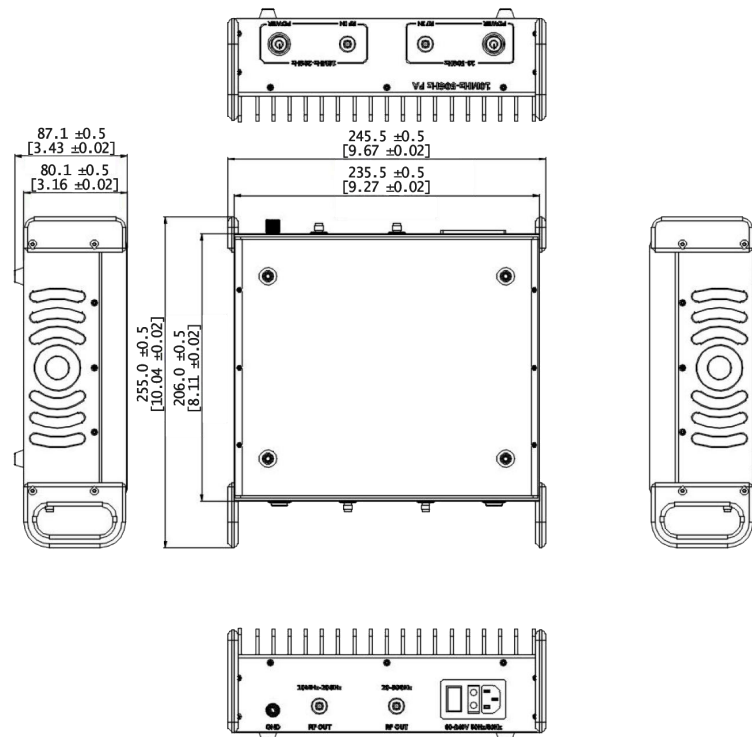
SPA-10M-50-1			
Frequency Range	10MHz - 50GHz	Spurious	-60dBc (max.)
Output Power (typ.)	30dBm @10MHz-20GHz, 22dBm @20-50GHz	Input Power (max.)	-10dBm @10MHz-20GHz, -15dBm @20-50GHz
Small Signal Gain (typ.)	54dB @10MHz-20GHz, 46dB @20-50GHz	Background Noise	-40dBm/MHz (max.)
Gain Flatness (max.)	±6dB @10MHz-20GHz, ±5dB @20-50GHz	Input VSWR	2:1 (typ.)
Impedance	50 ohm	Cooling Type	Air cooling
Input Port	2.4mm (female)	Output Port	2.4mm (female)

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Dimension	245.5 × 255.0 × 87.1 mm	Power Supply	AC 220V±10%, 50/60Hz
Operating Temperature	0 - 50°C		

Outline Structure



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