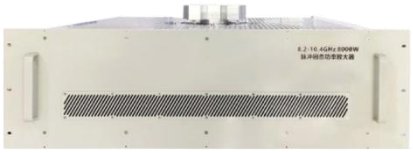
SPA-8P2-10P4-8000 Pulse Solid State Power Amplifier

(8.2GHz - 10.4GHz, 8000W)

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-8P2-10P4-8000 is a pulse solid-state RF power amplifier with an output frequency of 8.2GHz to 10.4GHz and an output power of 8000W. 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-8P2-10P4-8000			
Frequency Range	8.2GHz - 10.4GHz	**Harmonic**	-30dBc (typ.)
Output Power	8000W (min.)	**Spurious**	-60dBc (max.)
Gain	59dB (min.)	**Pulse Rise Time**	0.5μs (max.)
Gain Flatness	± 2dB (max.)	**Pulse Fall Time**	0.5μs (max.)
Adjustable Gain	20dB (max.)	**Pulse Flatness**	0.5dB (typ)
Input Power	0dBm (max.)	**Pulse Width**	50μs (max.)

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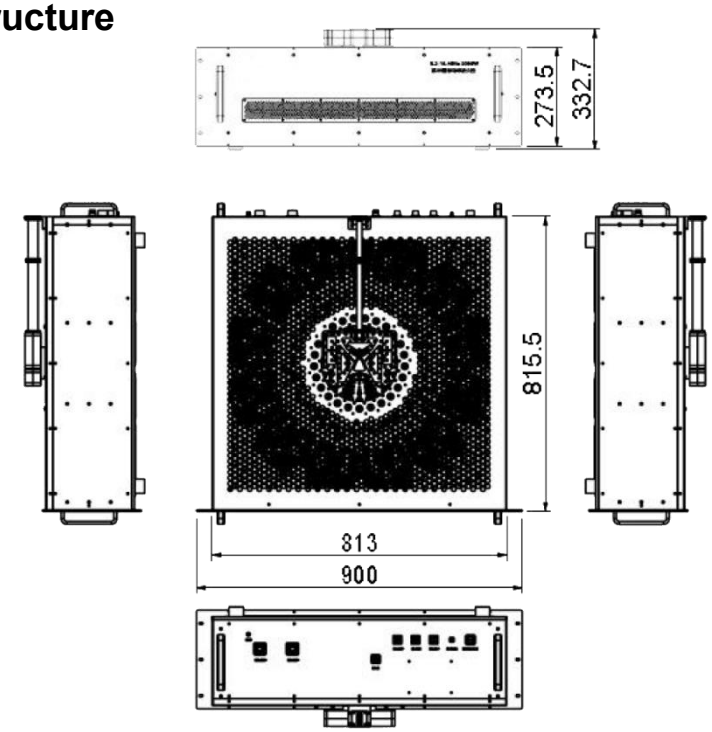
Controlling Ratio	10% (max.)	**Impedance**	50 ohm
Input VSWR	1.5:1 (typ.)	**VSWR Protection**	3:1
Input Port	Type-N (female)	**Output Port**	WR90
Monitoring Port	Type-N (female)	**Cooling Type**	Air cooling
Communication Interface	GPIB, LAN	**Power Supply**	AC 220V±10%, 50/60Hz
Operating Temperature	0 - 50℃	**Dimension**	900x820x500 mm

Outline Structure



Options

Module No.	Item
001	Overdrive protection
002	GPIB interface

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

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