

# SPA-0P8-2P5-500 Solid State Power Amplifier

(0.8GHz - 2.5GHz, 500W)

## 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



## Overview

Saluki SPA-0P8-2P5-500 is a solid-state RF power amplifier with an output frequency of 0.8GHz to 2.5GHz and an output power of 500W. 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

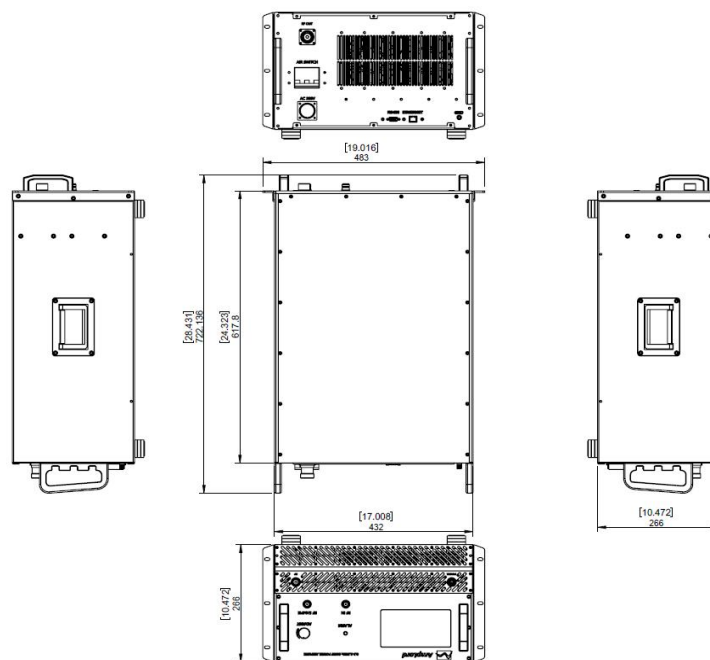
SPA-0P8-2P5-500			
<b>Frequency Range</b>	0.8GHz - 2.5GHz	<b>Input Power</b>	5dBm (max.)
<b>Psat</b>	500W (min.)	<b>Harmonic</b>	-13dBc (typ.)
<b>Gain</b>	57dB (min.)	<b>Spurious</b>	-60dBc (max.)
<b>Gain Flatness</b>	± 3dB (max.)	<b>Input VSWR</b>	1.5:1 (typ.)
<b>Adjustable Gain</b>	20dB (max.)	<b>Impedance</b>	50 ohm
<b>Input Port</b>	N-F, front panel	<b>Output Port</b>	L29-F, front panel

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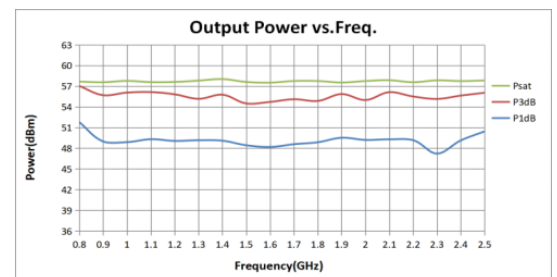
<b>Communication Interface</b>	RS485, LAN	<b>Power supply interface</b>	Three-phase five-wire aviation socket
<b>Weight</b>	55Kg (typ.)	<b>Power Supply</b>	AC 220V three-phase, 50/60Hz
<b>Dimension</b>	19" , 6U	<b>Power consumption</b>	3000W(typ.)
<b>Operating Temperature</b>	0 - 50°C	<b>Cooling Type</b>	Air cooling

## Outline Structure



## Options

001	Positive/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.*