

SPA-80M-1-200 Solid State Power Amplifier

(80MHz - 1GHz, 200W)

Key Features

- Multi-octave broadband performance
- High output power
- Wide dynamic range
- Low power consumption
- Low spurious signal
- Extremely load-resistant
- Built-in control, monitoring and protection circuit
- Over voltage, over temperature, over current protection



Overview

Saluki SPA-80M-1-200 is a solid-state RF power amplifier with an output frequency of 80MHz to 1GHz and an output power of 200W. Its design is based on the most advanced LD M O S 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

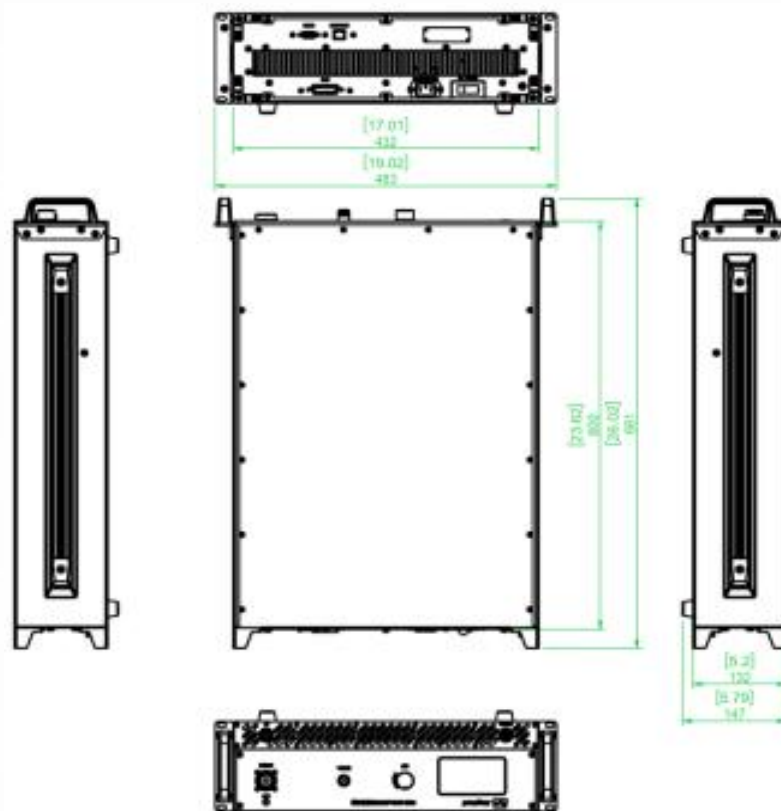
| SPA-80M-1-200 | | | |
|-----------------|---------------------|-----------------------|--------------------|
| Frequency Range | 80MHz - 1GHz | Spurious | -60dBc (max.) |
| Output Power | 200W (min.) | Input resistance | 50Ω |
| Gain | 53dB (min.) | Input VSWR | 1.5:1 (typ.) |
| Gain Flatness | ± 4 dB (max.) | Input Port | N-F |
| Adjustable Gain | 20dB (max.) | Output Port | N-F |
| Input Power | 0dBm (max.) | Monitoring Port | RS485, LAN |
| Harmonic | -15dBc (max.) | Power Supply | AC220V±10%,50/60Hz |
| Noise Floor | -30dBm/MHz (max.) | Operating Temperature | 0-50℃ |

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| | | | |
|-----------|---------|--------------|-------------|
| Dimension | 19", 3U | Cooling Type | Air cooling |
|-----------|---------|--------------|-------------|

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.