

400W S-Band Solid State Pulse Amplifier MODEL APRA-S4000A



Features

- Modular architecture
- Fast pulse rise/fall times (<75ns)
- Duty cycle up to 20%
- Minimal pulse droop (<1% @ 50 µs)
- High stability (phase and amplitude)
- Gain compensation over temperature
- Remote monitor and control capability via RS485 and Ethernet
- Input and output sample monitor ports
- Power factor correction
- No rear access required for operation or maintenance

Overview

The Advantech Wireless Model APRA-S400A, S-Band solid-state pulse amplifier operates over the band of 2.9 – 3.1 GHz. The peak power at the output connector is 400W.

The design of the product is based on Advantech's tradition of high power and high efficiency line of amplifiers.

Built-in features such as duty cycle monitor and pulse width monitor ensure trouble free operation.



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