

Solid State Amplifier

Our high-power solid state amplifiers are designed and manufactured to high quality standards. They are strong candidates for replacing current CW klystron RF sources.



Features:

High efficiency

Compact

Reliable

Long lifetime

Safe

- Center frequency: 1497 MHz
- Bandwidth: $> \pm 5$ MHz
- Designs up to 3 GHz possible
- Output power range: 100W, 400W, 800W, 1.5kW, 3kW, 6kW.
- Peak Efficiency: $> 50\%$ @ 6.3 kW
- Incremental gain: 0.5 dB/dB @ 5.2kW
- Dimension, weight: 20"x18"x22" (L/W/H), ~250lbs (6kW module)
- DC power supply voltage: 48 V and 12 V
- Cost: Competitive



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