

MODULAR SOLID STATE POWER AMPLIFIER 3 KW pulse 2-50 MHz for Tran horizon radar application

Amplifier Ref N° RF250-3000P

Technical specifications

- Frequency band : 2MHz to 50MHz
- Power: 3000W pulse / 2000W CW
- Gain : 63 dB min
- Manual gain adjustment: 25 dB min
- Class : AB
- VSWR handling : 10:1 @ 2000 W CW by power reduction
- Harmonics : > 15 dBc
- RF gating : 1 μ S typ
- IN/OUT impedances : 50 Ω
- Input VSWR : 2 : 1 max
- Gain flatness : \pm 3 dB
- Connector Input/Output : input N output 7/16
- Cooling : by forced air
- Temperature range : 0 °C ...+40 °C
- Power supply : 230 V AC mono phase 5000 VA
- Dimensions : cabinet 34 U min
- Control by RS232 : RF on/off

Power (forward and reflected)

Variable gain

Alarms for power supply and temperature

