

Power Amplifier up to 2.5 GHz | 5W +37dBm | 50dB Gain



TECHNICAL SPECIFICATIONS

- **Frequency Range**
50–2500 MHz
- **Gain**
50 dB
- **Supply Voltage**
+28V
- **Semiconductor Technology**
GaN transistor
- **Output Power**
5W (+37 dBm)
- **1dB Compression Point**
4 dB
- **Connector Type**
SMA-female
- **Stage Configuration**
Three-stage design

APPLICATIONS

5G & Telecommunications: Test platforms for next-generation wireless systems and multi-band infrastructure

SATCOM: Ground station uplink modules requiring linear amplification

Defense & Aerospace: RF subsystems for broadband signal conditioning

Test & Measurement: Laboratory and production systems requiring wide-band coverage and signal integrity