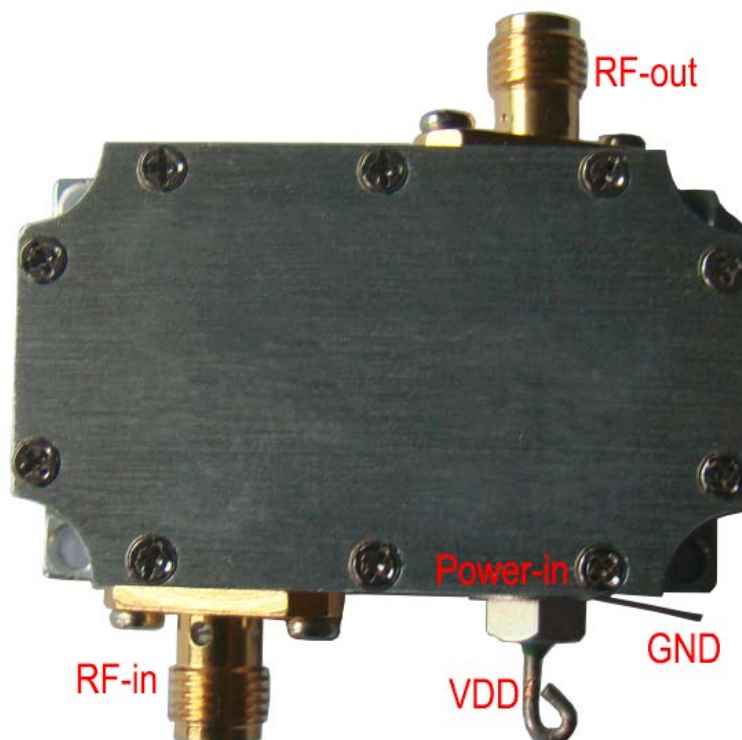


2.5W COFDM Power Amplifier

This amplifier is a 2.5W Sub-1GHz linear power amplifier, designed for COFDM transmitter applications. The amplifier offers a compact and rugged design.



Features

- Gain: $\geq 42\text{dB}$
- Maximum RF input power: -8 dBm
- RF Power out: $34\text{dBm}(2.5\text{W})$
- ACPR: $< -30\text{dBc}$
- Impedance: 50ohm
- DC Supply Voltage: $12\sim 16\text{VDC}$
- Power consumption: $< 20\text{W}$
- RF in: SMA female Connector
- RF out: SMA female Connector
- Dimensions: $43 \times 26 \times 12\text{mm}$
- Weight: 26g
- Frequency Range: central frequency in $200\text{MHz} \sim 900\text{MHz}$ (Specify)
- Bandwidth: 30MHz to 40MHz

Outline(mm)

