

Coax Broadband Amplifiers up to 110 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Ranges**
Multiple configurations including 2-43 GHz, 2-50 GHz, 18-40 GHz, 22-44 GHz, 40-60 GHz, and extended models up to 110 GHz
- **Gain Performance**
Up to 60 dB across frequency bands with consistent amplification characteristics
- **Output Power**
Available power levels ranging from +10 dBm to +28 dBm
- **Noise Figure**
Low-noise designs with figures as low as 2.5 dB (22-44 GHz), 4 dB (2-43 GHz), and 6 dB (40-60 GHz)
- **Connector Standards**
SMA interfaces for seamless system integration
- **Custom Solutions**
Design flexibility for customer-specific amplification requirements

APPLICATIONS

5G/6G & Telecommunications:
Next-generation wireless
communication infrastructure
requiring broadband coverage

SATCOM: Satellite
communication systems with
wideband signal processing
needs

Defense & Aerospace: Military
RF applications and radar
systems

Test & Measurement:
Laboratory equipment and
signal conditioning stages

Research: Microwave and
mmWave system integration for
advanced applications