

# Amplifiers up to 230 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
Waveguide amplifiers up to 230 GHz, coaxial amplifiers up to 70 GHz
- **Waveguide Standards**  
Various WR-code waveguide configurations for mmWave bands
- **Coaxial Connectors**  
SMA and alternative connector options for flexible integration
- **Low Noise Amplifiers**  
Optimized noise figure performance for receiver front-end applications
- **Power Amplifiers**  
Output power capabilities exceeding 25 dBm for transmission requirements
- **Broadband Designs**  
Coaxial amplifiers available with 10 MHz to 70 GHz instantaneous bandwidth

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## APPLICATIONS

5G/6G & Telecommunications:  
Infrastructure and backhaul  
network equipment, fixed  
wireless access

SATCOM: High-frequency  
amplification and low-noise  
reception in satellite  
communication systems

Defense & Radar: Military radar  
platforms operating in mmWave  
frequency bands

Automotive: Radar and vehicular  
communication systems

Test & Measurement: Sub-  
terahertz characterization and  
instrumentation applications