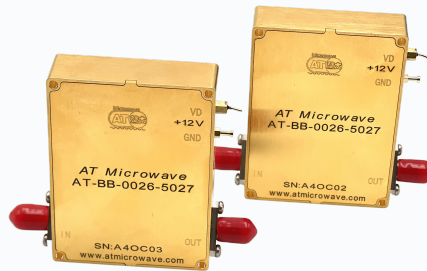


Amplifier up to 110 GHz



TECHNICAL SPECIFICATIONS

- Frequency Range up to 110 GHz**
 Complete coverage from microwave to mmWave spectrum
- Power Amplifiers (HPA)**
 High output power with linear gain characteristics for transmitter applications
- Gain Block Amplifiers**
 Compact form factor with stable gain and high input linearity
- Limiting Amplifiers**
 Automatic signal limiting to prevent overdrive
- Low Noise Amplifiers (LNA)**
 Excellent noise figure for sensitive signal acquisition and receiver front-end designs
- Wideband/Multi-Octave Designs**
 Flat gain across broad frequency bands, low VSWR
- Input-Protected Variants**
 Integrated ESD protection circuits for enhanced reliability

APPLICATIONS

5G/6G communication systems and backhaul networks

SATCOM and defense systems (Mil-Spec available)

High-frequency test and measurement instruments

FMCW/pulsed radar and ADAS sensors

Astronomy and scientific research

Spectrum analysis and RF laboratory equipment