

# Broadband Amplifier up to 70 GHz

## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
10 MHz – 70 GHz continuous coverage
- **Gain Options**  
18 dB, 30 dB, and 50 dB configurations
- **Noise Figure**  
6 dB across operational bandwidth
- **Output Power (P-1dB)**  
15 dBm at 1 dB compression point
- **Connector Interface**  
1.85 mm precision connectors
- **Model Designations**  
AT-BB-0070-1815C (18 dB), AT-BB-0070-3015C (30 dB), AT-BB-0070-5015C (50 dB)

## APPLICATIONS

5G/6G & Telecommunications:  
Wideband network  
infrastructure and multi-band  
component testing

SATCOM: Ground stations and  
satellite communication  
terminals requiring broadband  
signal conditioning

Defense: Electronic warfare  
systems and military radar  
applications spanning L-band  
through mmWave

Test & Measurement:  
Laboratory instrumentation and  
signal analysis setups requiring  
low-noise amplification