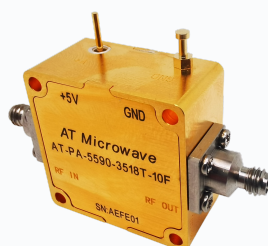


Coaxial 1.0mm Amplifiers up to 115 GHz



TECHNICAL SPECIFICATIONS

- **Frequency range**
40–115 GHz continuous bandwidth across multiple sub-bands
- **Connector type**
1.0mm coaxial standardized interface
- **Amplifier types**
Broadband Low Noise Amplifiers (LNA) and Broadband Power Amplifiers (HPA)
- **Maximum frequency**
115 GHz
- **Form factor**
Compact design for dense RF chain integration
- **Performance**
Optimized VSWR and gain characteristics across specified frequency ranges

APPLICATIONS

5G/6G & Telecommunications:
High-frequency signal
amplification for next-
generation wireless
infrastructure

SATCOM: Satellite
communication uplink and
downlink chain optimization

Defense & Radar: Electronic
warfare, target detection, and
precision sensing in mmWave
bands

Automotive: Advanced driver
assistance systems (ADAS)
operating in millimeter-wave
radar frequencies

Test & Measurement:
Laboratory-grade amplification
for network analyzers and signal
generators