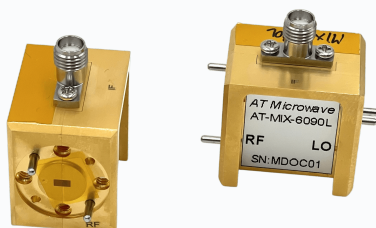


Mixer and IQ Mixer bis 330 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Balanced Mixers up to 135 GHz (WR28–WR8), Harmonic Mixers up to 330 GHz (WR8–WR3)
- IQ Mixers with quadrature outputs up to 100 GHz and extended variants with AMC up to 164 GHz
- Tx/Rx Mixers for bidirectional communication up to 300 GHz
- Low conversion loss, high port-to-port isolation, and minimal noise performance
- Enhanced amplitude and phase balance through optional amplitude modulation compensation
- Custom Solutions available to your specifications

APPLICATIONS

5G/6G communication systems and SATCOM receivers

Millimeter-wave radar for ADAS and automotive

Defense and military RF systems

FMCW and pulsed test and measurement

Vector signal analysis and modulation characterization

High-frequency test and measurement instrumentation