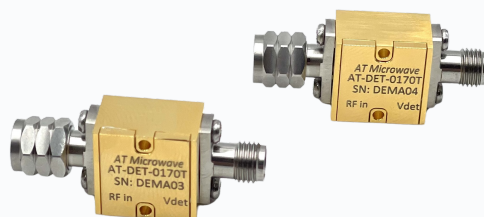


Coaxial Wideband Detectors up to 110 GHz



TECHNICAL SPECIFICATIONS

- **Frequency range**
1 to 110 GHz continuous coverage
- **Dual polarity output**
Positive and negative voltage detection modes
- **Connector configurations**
Multiple connector types available for flexible system integration
- **Form factor**
Coaxial design enabling direct integration into RF signal chains
- **Response characteristics**
Wideband response optimized for transient and modulated signal detection
- **Extended coverage**
Complementary waveguide detector mounts available up to 325 GHz for sub-terahertz applications

APPLICATIONS

5G and 6G wireless infrastructure: Power monitoring and signal detection in broadband communication systems

SATCOM and aerospace: Satellite payload testing and RF signal verification across wide frequency spans

Defense and radar systems: Threat detection and electronic warfare measurement requiring extended bandwidth coverage

mmWave component testing: Characterization of RF amplifiers, filters, and antenna systems at elevated frequencies

Laboratory measurement: Broadband power detection for calibration and system validation across the RF spectrum