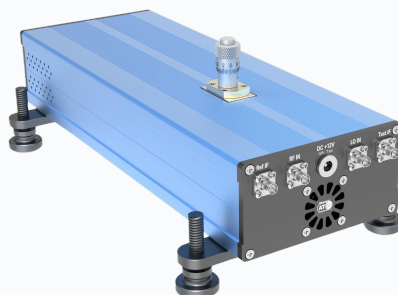


VNA Frequency Extender



TECHNICAL SPECIFICATIONS

- **Frequency Range**
WR19–WR2.2 waveguide standard with coverage up to 500 GHz
- **Modular architecture**
Separate Tx and Rx modules for optimized performance characteristics
- Low insertion loss and high dynamic range for precise VSWR and S-parameter measurements
- Robust waveguide connectivity for mechanical stability and reproducible results
- Compact design and fast calibration

APPLICATIONS

5G/6G component and antenna measurement

mmWave circuit development and validation

SATCOM and Defense systems

Sub-THz sensor and imaging technologies

High-frequency material characterization

Integrated circuits and chiplets in mmWave frequency bands