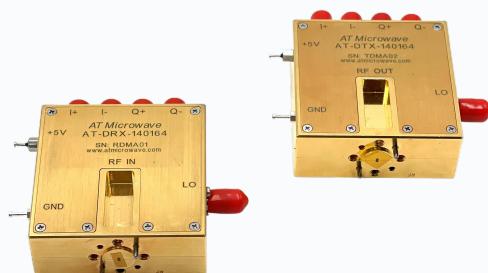


TX/RX Modules up to 500 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Coverage**
Up to 500 GHz across multiple bands
- **Waveguide Bands**
WR15 to WR2.8 configurations
- **Module Types**
Integrated TX/RX Modules and dedicated Waveguide Converter Modules (TX and RX)
- **Converter Compatibility**
WR22 to WR2.8 waveguide standards
- **Performance**
Minimal insertion loss with optimized VSWR across operating bands
- **Integration**
Standard connectors and waveguide interfaces

APPLICATIONS

5G/6G & Telecommunications:
Infrastructure, point-to-point
links, and backhaul systems

Radar Systems: High-resolution
imaging, automotive radar, and
surveillance platforms

Test & Measurement:
Component characterization,
signal analysis, and network
validation

SATCOM & Defense: Satellite
terminals, electronic warfare,
and secure communications

Scientific Research:
Spectroscopy, materials
analysis, and frequency studies