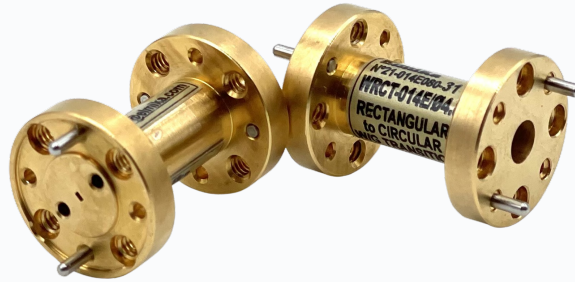


Waveguide Transitions up to 325 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Up to 325 GHz
- **Insertion Loss**
Low loss characteristics for improved system efficiency
- **VSWR**
Optimized for broadband applications
- **Custom Design**
Available upon specification review
- **Waveguide Band Support**
WR510 down to WR3
- **Return Loss**
Superior performance across operating bands
- **Configuration Options**
Rectangular-to-Rectangular and Rectangular-to-Circular transitions

APPLICATIONS

5G/6G & Telecommunications:
Integration within next-generation infrastructure requiring precise waveguide interfaces

SATCOM: Satellite communication ground stations and space-based RF payload systems

Radar Systems: Military and civilian radar networks demanding low-loss component connectivity

Defense: Secure communication systems and advanced sensing platforms

Test & Measurement: Laboratory equipment calibration and component characterization setups

Research: High-energy physics experiments and spectroscopy requiring stable mmWave paths