

Waveguide to Coax Adapters up to 170 GHz



TECHNICAL SPECIFICATIONS

- **Frequency coverage**
DC to 170 GHz (WR2300 through WR10 waveguide bands)
- **Configuration options**
End Launch, Double Ridged, Right Angle, and Microstrip variants
- **VSWR performance**
Low VSWR across operational bandwidth
- **Connector compatibility**
Standard coaxial interfaces (SMA, Type-N, and higher-frequency connectors)
- **Impedance transitions**
Precision-engineered for minimal reflection losses
- **Thermal stability**
Suitable for laboratory and field deployment

APPLICATIONS

5G/6G & Telecommunications:
Antenna characterization, base
station testing, and backhaul
system verification

SATCOM Systems: Satellite
communication payload
integration and ground station
equipment

Defense & Aerospace: Radar
systems, electronic warfare
platforms, and secure
communication links

Measurement & Test: Network
analyzer calibration, LNA/HPA
characterization, and
component validation

Automotive Radar: Millimeter-
wave sensor development and
mmWave front-end testing

Research Applications: THz
generation, material
characterization, and emerging
frequency band exploration