

WR6 Waveguide to Coax Adapter up to 170 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
110-170 GHz (110-145 GHz optimized, usable to 170 GHz)
- **Insertion Loss**
1 dB at 110-145 GHz; 2.5 dB at 145-170 GHz
- **Coax Connectors**
0.8mm male or female configurations
- **Power Handling**
2W CW
- **Interface Type**
End-launch waveguide design

APPLICATIONS

5G/6G Development: System integration and component testing for next-generation wireless infrastructure

Millimeter-Wave Testing: Laboratory and manufacturing measurement setups in D-Band frequencies

SATCOM & Defense: Frequency characterization and RF component validation in satellite and radar systems

Research Applications: Sub-terahertz signal analysis and VSWR evaluation in precision measurement chains