

# Waveguide Components up to 750 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
DC to 750 GHz (WR2300 through WR1.5 waveguide standards)
- **Amplifiers**  
Available up to 225 GHz with integrated waveguide interfaces
- **Attenuators and Passive Components**  
Flatness specifications to 325 GHz
- **Waveguide Sections**  
Twists and straight sections in WR1.5 format for extreme frequency applications
- **Waveguide-to-Coax Adapters**  
Rated to 110 GHz
- **Antennas**  
Solutions covering up to 325 GHz
- **Filters**  
Engineered for frequencies reaching 400 GHz
- **Mechanical Components**  
Rotary joints and flexible waveguide assemblies for dynamic systems

## APPLICATIONS

5G/6G & Telecommunications:  
Next-generation wireless infrastructure and backhaul systems

SATCOM: Satellite communications transceiver systems

Defense & Aerospace: Military radar and electronic warfare platforms

Test & Measurement: High-frequency laboratory setups

Automotive & Industrial: Sensing systems operating in mmWave bands

Research: THz frequency exploration and development