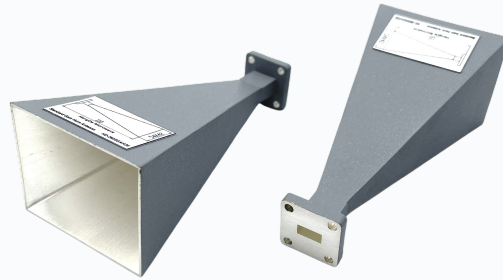


Standard Gain Horn Antennas up to 750 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 750 GHz operational coverage
- **Waveguide Formats**
WR2300 through WR1.5 port configurations
- **Gain Characteristics**
Standardized with documented radiation patterns
- **VSWR**
Low reflection across specified frequency bands
- **Interface**
Compatible with standard waveguide flanges
- **Operation**
Optimized for both transmit and receive signal paths

APPLICATIONS

5G/6G Development: Antenna testing and characterization in millimeter-wave band validation

SATCOM Systems: Signal transmission and reception in satellite communication links

Defense & Aerospace: Radar cross-section measurements and electromagnetic testing protocols

Material Science: Dielectric property characterization at terahertz frequencies

Precision Measurement: Network analyzer calibration and EMI/EMC testing procedures

Component Evaluation: Amplifier, transceiver, and RF subsystem performance validation