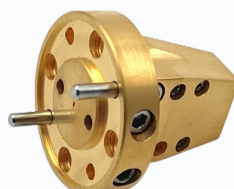


WR2.2 Gain Horn Antenna up to 500 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
325-500 GHz
- **Gain**
25 dBi typical
- **Waveguide Standard**
WR2.2
- **Antenna Type**
Standard Gain Horn
- **Configuration**
Broadband sub-THz design

APPLICATIONS

6G Communications: Next-generation wireless infrastructure testing and deployment

Terahertz Imaging: Non-destructive evaluation and security scanning systems

Satellite Communications: High-frequency inter-satellite links and Earth observation payloads

Defense & Aerospace: Radar systems, electronic warfare, and precision measurement applications

Material Characterization: Dielectric and spectroscopic analysis at sub-millimeter wavelengths

RF Testing: Component validation and antenna range measurements