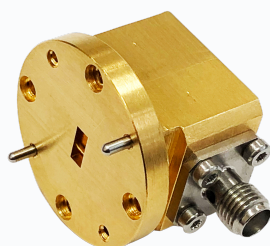


Waveguide Detector Mounts up to 325 GHz



TECHNICAL SPECIFICATIONS

- **Frequency range**
WR22 to WR05 waveguide configurations, up to 325 GHz
- **Design**
Full-band waveguide detector for broadband coverage
- **Performance**
High sensitivity across millimeter and sub-millimeter wave bands
- **Plating options**
Multiple finishes available (gold, silver, nickel) for specific environmental requirements
- **Impedance**
Optimized matching and VSWR characteristics
- **Integration**
Compact waveguide mount design

APPLICATIONS

5G/6G & Telecommunications:
Signal strength monitoring and
power measurement in next-
generation wireless networks

SATCOM: Satellite
communication link monitoring
and diagnostics at high
frequency bands

Defense & Radar: Electronic
warfare, surveillance, and
precision radar applications
requiring sensitive detection

Scientific Research:
Spectroscopy, astronomy, and
material characterization at
terahertz frequencies

Component Testing: Verification
and characterization of RF
components, amplifiers, and
transmission systems