

Waveguide Polarizer up to 325 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Coverage**
26.5 GHz to 325 GHz
- **Waveguide Bands**
WR28 through WR3 configurations
- **Polarization Conversion Modes**
Rectangular-to-Linear and Linear-to-Circular transformations
- **Performance Characteristics**
Minimal insertion loss with high polarization purity
- **Customization**
Application-specific configurations available upon request

APPLICATIONS

Satellite Communications (SATCOM): Signal polarization management for orbital and ground-based terminals

Defense and Military Systems: Radar and electronic warfare platforms requiring precise polarization control

5G/6G Infrastructure: Advanced antenna systems and test equipment supporting next-generation wireless standards

Scientific Research: Laboratory instrumentation for millimeter-wave and sub-terahertz frequency bands