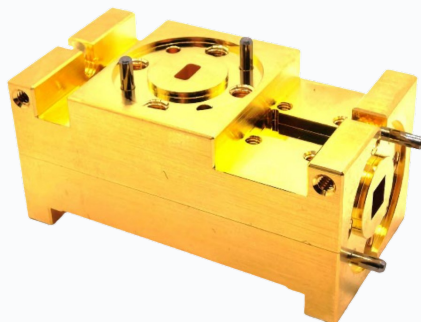


# Orthomode Transducer up to 260 GHz



## TECHNICAL SPECIFICATIONS

- Frequency range from 50 GHz to 260 GHz
- Waveguide sizes WR-15, WR-12, WR-10, WR-8, WR-6, WR-5 and WR-4
- High cross-polar isolation for clean polarization separation
- Low insertion loss across all frequency bands
- Compact design for integrated antenna systems
- Custom configurations and frequency bands available

## APPLICATIONS

SATCOM ground stations with dual polarization

Radar systems and polarimetric radar (weather, security)

Antenna measurements and polarization characterisation

5G/6G mmWave research and test setups

Radio astronomy and Earth observation

Compact beamforming and multi-port antenna arrays