

Voltage-Controlled Attenuators up to 240 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 240 GHz
- **Waveguide Coverage**
WR19 through WR4 full-band operation
- **Control Interface**
DC voltage bias for continuous attenuation adjustment
- **Integration**
Compact form factors suitable for automated test systems and integrated RF chains
- **Performance**
Optimized VSWR and insertion loss characteristics across the full frequency span

APPLICATIONS

Test & Measurement: Vector network analyzers, spectrum analyzers, and automated test stations requiring variable attenuation in receiver paths and signal conditioning networks

5G/6G & Telecommunications: mmWave frontends and satellite communication (SATCOM) ground stations for signal processing and power management

Radar Systems: Automotive, weather, and defense radar receiver chains requiring adaptive signal levels and noise figure management

RF Over Fiber (RoF): Optical-RF frontends and distributed antenna systems for dynamic range optimization and linearization