

Variable Attenuators up to 26.5 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Up to 26.5 GHz depending on attenuator type
- **Continuously Variable Attenuators**
Bandwidth up to 18 GHz with analog attenuation control for real-time adjustment
- **Rotary Stepped Attenuators**
Discrete attenuation increments to 26.5 GHz with repeatable performance
- **USB-Controlled Digital Attenuators**
Automated attenuation management up to 20 GHz via digital interface
- **Connector Options**
SMA and alternative connectors for integration into RF test benches and production systems
- **Configuration**
Customizable for specific impedance, insertion loss, and return loss requirements

APPLICATIONS

5G/6G & Telecommunications:
Signal conditioning for base
station validation and
component characterization
across sub-6 GHz and mmWave
bands

SATCOM: Precise power control
for uplink and downlink signal
processing in satellite
communication systems

Defense & Radar: Dynamic
attenuation for electronic
warfare testing, radar cross-
section measurements, and
threat simulation

Research & Development:
Laboratory characterization and
system prototyping across
expanding frequency bands