

Programmable Attenuator up to 40 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
0.1–40 GHz
- **Attenuation Range**
31.5 dB maximum
- **Step Resolution**
0.5 dB for precise signal level control
- **Connector Type**
2.92 mm interface
- **Control Interfaces**
USB and Ethernet for remote programming and automated test sequences
- **Operation**
Fully programmable, eliminating manual switching

APPLICATIONS

5G/6G & Telecommunications:
Power level conditioning for
sub-6 GHz and mmWave
frequency testing in component
and subsystem validation

SATCOM & Defense: Signal
simulation, system performance
verification, and threat
environment emulation for
aerospace and military platforms

Laboratory & ATE Systems:
Integration with automated test
equipment requiring
repeatability, traceability, and
coordinated multi-channel
operation

Component Testing: Amplifier
characterization, LNA linearity
testing, gain measurement, and
noise figure assessment