

Programmable RF Attenuators up to 20 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Single-channel models up to 20 GHz; multi-channel configurations up to 8 GHz
- **Channel Configurations**
Available in 4, 8, 12, and 16 channel variants
- **Large-Scale Systems**
Handover test platforms with 64 to 512 channels, operational bandwidth to 7.25 GHz
- **Form Factor**
Benchtop and rackmount systems with integrated control interfaces
- **Connectivity**
SMA and waveguide options for various measurement setups
- **Attenuation Control**
Fine resolution for dynamic signal simulation and VSWR optimization

APPLICATIONS

5G/6G & Mobile Network
Testing: Handover validation,
channel simulation, and inter-
cell interference coordination

SATCOM Systems: Signal level
management for satellite link
budget analysis and coverage
assessment

Defense & Aerospace:
Electronic warfare testing and
communication system
performance characterization

Base Station Development: HPA
and LNA cascade testing with
precise attenuation control

Research Applications:
Propagation modeling and
antenna performance
measurement