

# Rackmount Power Amplifiers up to 18 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
DC to 18 GHz
- **Linearity**  
Low intermodulation distortion for high signal fidelity
- **Form Factor**  
Compact rackmount chassis
- **Interfaces**  
Ethernet and RS232/RS422 for remote control and power adjustment
- **Output Power**  
50 Watt to 2000 Watt configurations
- **Harmonic Suppression**  
Integrated filtering for superior harmonic rejection
- **Protection**  
Integrated monitoring against overdrive, impedance mismatch, and thermal stress
- **Compliance**  
CE-marked for European deployment

## APPLICATIONS

EMC Testing: Electromagnetic compatibility verification with controlled RF power delivery

Communication Systems: Signal amplification for terrestrial and satellite networks

TWT Replacement: Solid-state alternative to traveling wave tube amplifiers with improved reliability

Defense & Aerospace: Radar, EW, and SATCOM platform integration

5G/6G Infrastructure: High-frequency signal processing and beamforming