

Switches up to 70 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 70 GHz depending on switch technology
- **Mechanical Switches**
DC to 67 GHz with configurations from SPST through SP18T, stable performance across extended frequency bands
- **PIN Diode Switches**
Solid-state technology up to 70 GHz, SPST to SP32T topologies, sub-microsecond switching times
- **High Power Switches**
DC to 12 GHz with N-type, SC, and 7/16 DIN connectors for elevated power handling
- **USB-Controlled Switches**
Remote operation up to 40 GHz in SPDT and SP4T configurations
- **Performance**
Low insertion loss and high isolation maintaining signal integrity

APPLICATIONS

5G/6G & Telecommunications:
Signal routing and frequency
band selection in wireless
infrastructure

SATCOM: Reliable switching in
satellite payloads and ground
station equipment

Defense & Radar: High-
frequency switching for pulse
modulation, antenna beam
management, and secure signal
distribution

Test & Measurement:
Automated switching matrices
for RF and mmWave component
characterization