

RF Coaxial Switches up to 50 GHz

TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 50 GHz
- **Switch Configurations**
SPST through SP18T options
- **Connector Types**
SMA, 2.92mm, 2.4mm, N, SC, 7/16, 4.3/10, TNC
- **Insertion Loss**
Minimal loss across entire frequency band
- **VSWR Performance**
Controlled return loss for impedance matching
- **Switching Speed**
Fast mechanical actuation

APPLICATIONS

Test & Measurement:
Automated RF testing platforms, characterization setups, and multi-channel signal distribution requiring broadband switching capabilities

SATCOM: Satellite communication ground station equipment and signal routing systems

5G/6G Infrastructure: Next-generation telecommunications network components and base station equipment

Defense & Aerospace: Military signal routing systems and radar applications demanding high reliability

Research: RF and millimeter-wave laboratories conducting experiments across wide frequency ranges