

Phase Shifter up to 60 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
DC to 60 GHz continuous coverage
- **Phase Shift Range**
140 picoseconds maximum delay
- **RF Connector Type**
1.85mm female coaxial connectors
- **Application Band**
V-Band and sub-mmWave frequency domain
- **Configuration**
Coaxial transmission line design for minimal discontinuities

APPLICATIONS

5G and 6G Infrastructure: Beam steering and phased array antenna systems requiring phase coherence

Defense and SATCOM: Military communications, electronic warfare, and satellite payload systems

Measurement Systems: Precision RF/mmWave test equipment and network analyzers

Automotive Radar: V-Band automotive applications with adaptive signal processing

Research and Development: Laboratory characterization of broadband RF components and subsystems