

Directional Couplers up to 67 GHz



TECHNICAL SPECIFICATIONS

- **Frequency coverage**
Multiple configurations available: 1–18 GHz, 1–40 GHz, and 1–67 GHz
- **Broadband operation**
Minimizes frequency-dependent performance variations
- **Connectors**
Compatible with SMA and larger standard RF interfaces
- **Performance**
Low insertion loss with controlled directivity across the entire band
- **Response characteristics**
Flat amplitude and phase response
- **Custom options**
Specific frequency ranges, coupling ratios, and impedance specifications available

APPLICATIONS

5G/6G infrastructure: Power monitoring and signal distribution in base station transceivers

SATCOM systems: Uplink/downlink isolation and power measurement in satellite terminals

Radar and sensing: TX/RX port isolation in phased-array and automotive radar

mmWave test and measurement: Signal sampling and power detection in laboratory environments

Defense and aerospace: Electronic warfare systems requiring broadband coupling across extended frequency ranges