

Hybrid Couplers up to 40 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Up to 40 GHz
- **Configuration Options**
90-degree and 180-degree hybrid coupler designs
- **Integration**
Compatible with standard RF connectors and waveguide interfaces
- **Performance**
Optimized for minimal insertion loss and controlled VSWR
- **Customization**
Application-specific variants available upon request

APPLICATIONS

5G/6G & Telecommunications:
Signal distribution and phase control in base station amplifier chains and infrastructure

SATCOM: Transmit/receive signal routing for satellite communication terminals

Defense & Radar: Phased array antenna feeding networks and test range equipment

Test & Measurement:
Laboratory systems requiring precise signal coupling and mmWave testing