

Bias Tee up to 110 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
1 kHz – 110 GHz
- **High Current Capability**
Available in configurations up to 10A
- **DC Voltage Rating**
>1.5 kV
- **Connector Options**
Multiple configurations including SMA and waveguide interfaces
- **Insertion Loss**
Low insertion loss across broadband frequency range
- **VSWR**
Optimized performance for minimal signal degradation

APPLICATIONS

Satellite Communications (SATCOM): Powering LNA and HPA modules in uplink and downlink chains

5G/6G Networks: Active component biasing in phased array and beamforming systems

Defense and Radar: High-reliability biasing solutions for military-grade RF systems

Laboratory Testing: Component characterization and measurement setups requiring DC injection

mmWave Research: Prototyping platforms for frequencies approaching THz bands