

# DC-Blocks up to 110 GHz



## TECHNICAL SPECIFICATIONS

- **Frequency Range**  
DC to 110 GHz
- **Power Handling**  
Up to 100W continuous operation
- **Insertion Loss**  
Low loss across entire bandwidth
- **Form Factor**  
Compact 1mm designs available for space-constrained installations
- **Connector Options**  
SMA, 2.4mm, 1mm, and waveguide interfaces
- **Voltage Rating**  
High voltage designs for demanding applications
- **VSWR**  
Optimized for seamless system integration

## APPLICATIONS

5G and 6G Infrastructure: Signal conditioning in base station amplifier chains and receiver paths

SATCOM Systems: DC separation in satellite communication uplink and downlink modules

Defense and Radar: Protection of sensitive RF components in military communication networks

mmWave Test and Measurement: Precise signal isolation in laboratory characterization setups

Amplifier Interfaces: Critical coupling between power amplifiers and low-noise amplifiers