

DC-Blocks up to 110 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
30 kHz to 110 GHz continuous coverage
- **Power Handling**
Up to 100 W for high-power applications
- **Connector Options**
SMA, N-type, 3.5 mm, 2.92 mm, 1.85 mm, and 1.0 mm configurations
- **Insertion Loss**
Low insertion loss across the entire frequency spectrum
- **VSWR**
Optimized performance for minimal signal reflections
- **Customization**
Custom impedance and performance tuning available

APPLICATIONS

5G/6G & Telecommunications:
Integration into base station
amplifier chains and signal
distribution architectures

SATCOM: Earth station uplink
and downlink signal
conditioning for satellite
communications

Defense & Aerospace: Radar
systems, electronic warfare
equipment, and secure
communication platforms
operating across multi-octave
frequency bands

Test & Measurement:
Laboratory environments
requiring broadband AC
coupling without performance
degradation

Amplifier Protection: Protection
of sensitive LNAs and HPAs
from DC bias variations