

Coaxial Filters up to 67 GHz



TECHNICAL SPECIFICATIONS

- **Bandpass Filters**
Frequency coverage extending to 67 GHz with selective passband characteristics
- **Lowpass Filters**
Frequency coverage up to 28 GHz for harmonic and broadband noise rejection
- **Diplexer and Multiplexer Solutions**
Multi-band frequency separation up to 40 GHz
- **High-power variants**
Engineered for amplifier output stages and transmit paths
- **Highpass Filters**
Available up to 67 GHz for suppressing lower frequency interference
- **Band Reject Filters**
Notch filtering capabilities up to 18 GHz for eliminating unwanted signals
- **Custom designs**
Available for specialized impedance, bandwidth, and performance requirements
- **Connectors**
Coaxial connectors including SMA and larger formats for seamless system integration

APPLICATIONS

5G/6G Infrastructure: Signal filtering in base station transceivers and backhaul systems

SATCOM Systems: Uplink and downlink frequency selection with minimal insertion loss

Defense and Radar: Frequency-agile filtering for adaptive signal processing

Aerospace Communications: Compact filter solutions for airborne RF equipment

Test and Measurement: Reference filtering standards for laboratory instrumentation

Microwave Links: Point-to-point communication systems requiring precise frequency selectivity