

Bandpass Filters up to 53 GHz



TECHNICAL SPECIFICATIONS

- **Frequency Range**
Standard bands 26.5–29.5 GHz, 27–29 GHz, 27.5–28.5 GHz; custom designs up to 53 GHz
- **Band Support**
5G NR FR2 bands (N257, N260, N261) and 6G frequencies
- **Performance**
Optimized insertion loss with minimal passband ripple and steep skirt selectivity
- **Rejection**
High out-of-band rejection for adjacent-channel interference mitigation
- **Connectors**
Multiple configurations including SMA interfaces
- **Form Factor**
Compact design suitable for space-constrained applications

APPLICATIONS

5G/6G & Telecommunications: FR2 millimeter-wave filtering for next-generation wireless networks and high-capacity backhaul systems

SATCOM: Satellite communication terminals operating in Ku and Ka bands

Defense & Aerospace: Signal conditioning for military radar and communications equipment

Test & Measurement: Integration into RF test benches for frequency-selective signal analysis