



Microwave Filter Company

Additional Filter Technologies

Helical Resonator Filters

For narrow band applications, helical filters offer low insertion loss in package sizes smaller than comparable distributed element filters. Both bandpass and bandstop configurations are available.

Center Frequency Option: 50-1200 Mhz
3 dB Bandwidth: 0.5-5%
No. of Sections: 3-8



Stripline/Microstrip Filters

Where size may be a concern and losses not as important, a stripline or microstrip filter offers a nice compromise. Circuit board tolerances can be tightly controlled minimizing variation in the production environment. Bandpass, bandstop, lowpass, and highpass designs are available.

Frequency range availability is from 1-18 GHz
No. of Sections: 3-9

Dielectric Resonator Filters

Where low loss and a small mechanical profile is needed, dielectric resonator filters provide a good solution. The filters are extremely temperature stable and have good-out-of band selectivity while maintaining low passband loss.

Center Frequency Option: 500 MHz-3000 MHz
3 dB Bandwidth: 1-10%
No. of Sections: 2-6
Operating Temperature Range: -30C to +70C
Storage Temperature: -40C to +80C

Contact Factory With Your Specific Needs For:

- Electrical Performance
- Mechanical Configuration

**6743 KINNE STREET
E. SYRACUSE, NY 13057
800-448-1666 • 315-438-4700**