

High "Q" Cavity Bandpass & Notch Filters

Models 9494, 9507 & 9512 (Bandpass)

Models 9604, 9607 & 9612 (Notch)

These high "Q" cavity filters utilize adjustable loop coupling and tunable resonators that provide tunability from $F_0 \pm 5\%$.

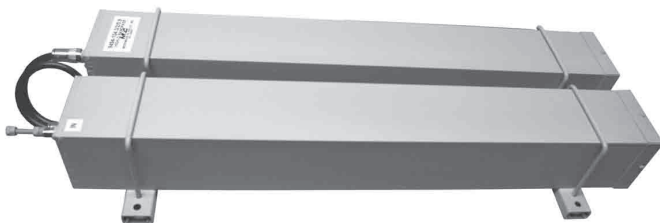
These quarter wave cavity filters are ideal for cleaning up spurious transmit signals and can also be used as receive preselectors.

Invar tuning rods ensure temperature stable performance.

Standard models are available in single, double and triple cavity arrays covering a broad frequency range of 88 – 950 MHz.

Custom configurations are available upon request.

High Q Cavity Bandpass Filter



9494

High Q Cavity Notch Filter



9604

Specifications:

Bandwidth	Up to 3% (BW/ F_0)
Return Loss	14 dB Min
Power Rating	Up to 400 Watts* (9494 & 9604 series) Up to 900 Watts* (9507 & 9607 series) Up to 1200 Watts* (9512 & 9612 series)
Temperature Stability	0.0005 MHz / °C
Approximate Size	Diameter x $\frac{1}{4}$ Wavelength
Impedance	50 ohms
Connectors	N-female (Standard)

Alternate connectors are available upon request.

* Dependent upon passband insertion loss.



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