

# High "Q" Cavity Combiners

Models 19494, 19507 and 19512 Series

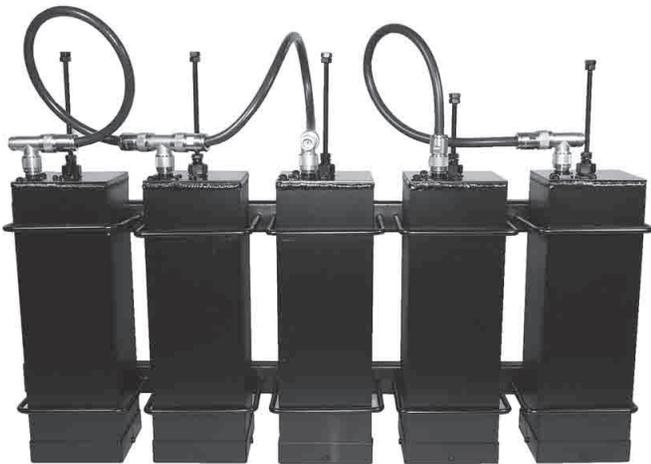
Available for transmit or receive applications combining two or more frequencies between 88-950 MHz

These combiners utilize high "Q" cavity filter components that are electrically phased together via "tee-ing" networks.

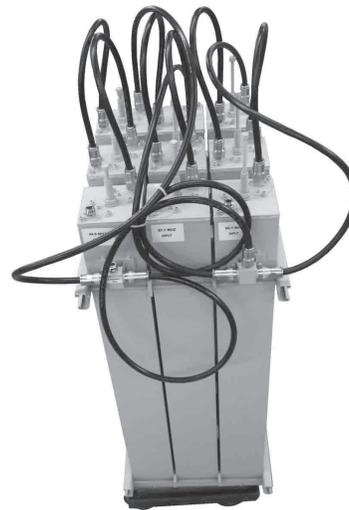
Choose from our 4", 7" and 12" cavity arrays – based on your power and/or insertion loss requirements

Each filter section uses invar tuning rods to ensure temperature stable performance.

**High Q Cavity Diplexer**



**High Q Cavity Triplexer**



## Specifications:

Bandwidth .....	Up to 3% (BW/Fo) per frequency
Return Loss .....	14 dB Min
Power Rating .....	Up to 400 Watts* per frequency (19494 series) Up to 900 Watts* per frequency (19507 series) Up to 1200 Watts* per frequency (19512 series)
Temperature Stability .....	0.0005 MHz / °C
Impedance .....	50 ohms
Available Connectors .....	N, 7/16 DIN, 7/8 EIA and 1-5/8 EIA

\* Dependent upon passband insertion loss.



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