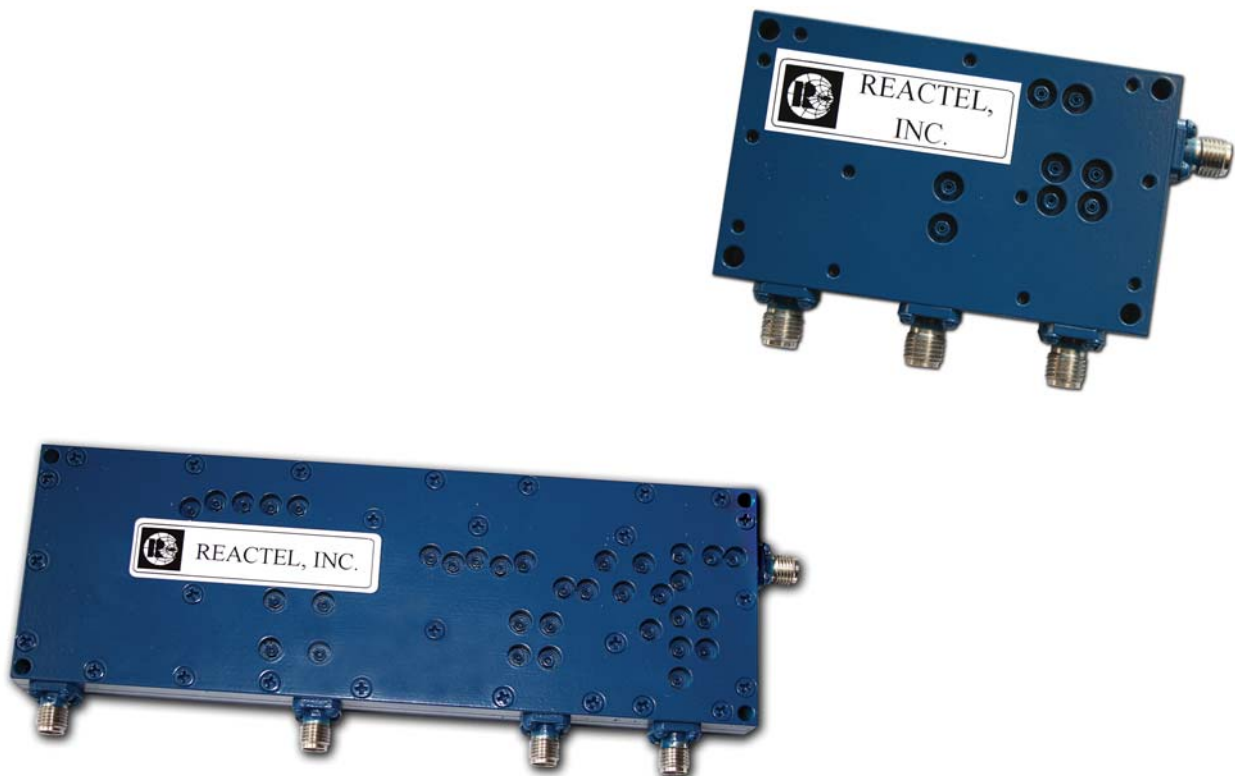


## Suspended Substrate Filters & Diplexers

Reactel Suspended Substrate Filters are manufactured on a copper clad dual-sided board offering extremely low loss and high selectivity. The appropriate circuit is chemically etched directly onto the board substrate providing excellent repeatability. These units are manufactured in a computer controlled environment and are the optimal topology for extremely wide bandwidths, up to 150%. This method of construction is suitable for bandpass, lowpass, highpass, notch and multiplexer designs. Suspended substrate filters are able to withstand stringent military applications due to their rugged construction. Shock and vibration are not a concern due to the limited mechanical components used. The construction methods for suspended substrate can also be incorporated into our other product lines offering unprecedented flexibility to meet tough requirements. Since these units are designed to meet your exact requirements, please contact the factory with your electrical specifications.

- 2 to 40 GHz
- Bandwidths up to 150%
- High Q
- Low Loss
- Bandpass, Lowpass, Highpass, Notch and Multiplexer Designs Available



**Reactel, Incorporated — Reacting First to Your Filter Requirements**

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