

Abstracts

High Performance Parallel Coupled Microstrip Filters

A. Riddle. "High Performance Parallel Coupled Microstrip Filters." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 427-430.

A new construction technique allows microstrip parallel coupled filters to have greater passband symmetry and largely removes the parasitic passband at twice the center frequency. This technique brings microstrip filters closer to stripline filter performance. Advanced computer aided design tools and a high precision thin film process make these filters predictable and repeatable.

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