

Abstracts

Microwave Filters Containing High-Q Dielectric Resonators

S.B. Cohn. "Microwave Filters Containing High-Q Dielectric Resonators." 1965 G-MTT Symposium Program and Digest 65.1 (1965 [MWSYM]): 49-54.

Dielectric objects with free-space boundaries have for many years been known to exhibit resonances in various modes. Since practical applications of this phenomenon in microwave filters have not been made, a study program was instituted to explore the feasibility of dielectric resonators as filter elements, and to derive formulas and obtain experimental data useful for filter design.

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