

Abstracts

Dielectric Split-Ring Resonators and Their Application to Filters and Oscillators

M. Sagawa, I. Ishigaki, M. Makimoto and T. Naruse. "Dielectric Split-Ring Resonators and Their Application to Filters and Oscillators." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 605-608.

Dielectric split-ring resonators (DSRs) having excellent properties, such as small size, low loss and good temperature stability, have been developed. The experimental studies carried out to obtain design charts for applications, and the trial filters and oscillators fabricated, have shown that the DSRs have many attractive features above the UHF band.

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