Abstracts

Microstrip slow-wave open-loop resonator filters

J.S. Hong and M.J. Lancaster. "Microstrip slow-wave open-loop resonator filters." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 713-716.

Microstrip slow-wave open-loop resonators allow various filter configurations including those of elliptic or quasi-elliptic function response to be realised. The filters are not only compact in size due to the slow-wave effect, but also have a wider upper stopband resulting from the dispersion effects. These attractive features mean the microstrip slow-wave open-loop resonator filters hold promise for mobile communications, superconducting and other applications.

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