

Abstracts

A Bandpass Filter Using High-Q Dielectric Ring Resonators

Y. Kobayashi and M. Minegishi. "A Bandpass Filter Using High-Q Dielectric Ring Resonators." 1987 MTT-S International Microwave Symposium Digest 87.1 (1987 Vol. I [MWSYM]): 379-382.

A Tchebyscheff bandpass filter constructed by placing high-Q $TE_{01\delta}$ dielectric ring resonators coaxially in a TE_{01} cutoff circular waveguide is designed precisely by the mode matching technique. Some discussions for design of the high-Q resonators and inter-resonator coupling are presented.

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