

Abstracts

A Bandpass Filter Using High-Q Dielectric Ring Resonators

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A Tchebyscheff bandpass filter constructed by placing high-Q TE/sub 01delta/ dielectric ring resonators coaxially in a TE/sub 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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