

# Abstracts

## Elliptic Bandpass Filters Using Four TM<sub>010</sub>/Dielectric Rod Resonators

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*Y. Kobayashi and H. Furukawa. "Elliptic Bandpass Filters Using Four TM<sub>010</sub>/Dielectric Rod Resonators." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 353-356.*

Compact elliptic bandpass filters of three types are constructed by using four TM<sub>010</sub>/dielectric rod resonators. Filters designed to have center frequencies of 3 to 5 GHz, relative bandwidths of 2 to 13 percent, insertion losses of 0.3 to 1.6 dB, and minimum stopband attenuations of 40 to 52 dB.

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