

# Abstracts

## Rectangular Waveguide with T-Shaped Septa

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G.G. Mazumder and P.K. Saha. "Rectangular Waveguide with T-Shaped Septa." 1987

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Recently, a new rectangular waveguide with two T-shaped septa has been proposed by the authors as a superior alternative to conventional ridged guide. Here, numerical data on the cutoff and band-width characteristics of the dominant  $TE_{10}$  mode of rectangular waveguide with a single T-septum are presented and compared with those of single-ridged guides. The gap impedances of both the double and single T-septum guides are also determined as functions of gap parameters.

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