

Abstracts

Rectangular Waveguide with T-Shaped Septa

G.G. Mazumder and P.K. Saha. "Rectangular Waveguide with T-Shaped Septa." 1987 *Transactions on Microwave Theory and Techniques* 35.2 (Feb. 1987 [T-MTT]): 201-204.

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/sub 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.

 [Return to main document.](#)