

Abstracts

Cutoff Characteristics of the Channel Waveguide (Correspondence)

C.A. Muilwyk and J.B. Davies. "Cutoff Characteristics of the Channel Waveguide (Correspondence)." 1967 *Transactions on Microwave Theory and Techniques* 15.3 (Mar. 1967 [T-MTT]): 199-200.

Some time ago, Vilmur and Ishii reported the results of an investigation to determine the cutoff characteristics of the channel waveguide. Their analysis was based on the methods of Iashkin and Cohn. However, they found that the two approaches produced appreciably different results. Subsequently, Roth and Ishii attempted to resolve this discrepancy by experiments. Their observations seemed to indicate that there were indeed two modes of propagation, one following Iashkin's method and one following Cohn's method.

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