

Abstracts

On Mode Conversion in Overmoded Waveguide Tapers (Correspondence)

G. Poulton, A.E. Karbowiak and C.C.H. Tang. "On Mode Conversion in Overmoded Waveguide Tapers (Correspondence)." 1969 *Transactions on Microwave Theory and Techniques* 17.5 (May 1969 [T-MTT]): 288-289.

This correspondence is concerned with some discrepancies which we have noted between equations which were obtained for rectangular tapers and those of generalized geometry. In the course of our investigations of mode conversion phenomena in generalized tapers of arbitrary geometry, we have used the following generalized telegraphist's equations for the equivalent voltages and currents in overmoded waveguides.

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