

# Abstracts

## Some Coupled-Wave Theory and Application to Waveguides (Abstract)

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*S.E. Miller. "Some Coupled-Wave Theory and Application to Waveguides (Abstract)." 1953 Transactions on Microwave Theory and Techniques 1.1 (Mar. 1953 [T-MTT]): 14-14.*

Coupled transmission lines have been employed as transducers for selectively coupling between a single-mode waveguide and one mode of a multi-mode waveguide. Theoretical relations describing the characteristics of such devices and some results of experiments are to be presented.

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