

Abstracts

Analysis of Single and Coupled Striplines with Anisotropic Substrates

A.G. D'Assuncao, A.J. Giarola and D.A. Rogers. "Analysis of Single and Coupled Striplines with Anisotropic Substrates." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 83-85.

The characteristic impedances and the normalized phase velocities of single and parallel-coupled striplines using anisotropic substrates were obtained by means of an integral-equation approach and a mapping method. A quasi-TEM approximation based on Laplace's equation was used. Calculated values for sapphire and pyrolytic boron nitride are given.

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