

Abstracts

Simplified Analysis of Stripline, Microstripline and Coplanar Strips, with Anisotropic Substrates for MIC and SAW Applications

S.K. Koul and B. Bhat. "Simplified Analysis of Stripline, Microstripline and Coplanar Strips, with Anisotropic Substrates for MIC and SAW Applications." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 236-238.

A unified variational expression is derived for the line capacitance of a general, multilayer anisotropic structure. The propagation parameters of a variety of striplines, microstriplines and coplanar strips with anisotropic substrates, in isolated and coupled configurations, can be obtained by simply determining the admittance parameter.

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