

Abstracts

A Generalized Algorithm for the Modeling of the Dispersive Characteristics of Microstrip, Inverted Microstrip, Stripline, Slotline, Finline, and Coplanar Waveguide Circuits on Anisotropic Substrates

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Substrate materials typically used for microwave or millimeter wave applications may exhibit inherent anisotropy or may be chosen to be anisotropic for some particular device. This paper presents techniques which compute the dispersive properties of slotlines, coplanar waveguides, finlines, inverted microstrip and striplines on anisotropic substrates.

 [Return to main document.](#)