

# Abstracts

## Coupled Microstrips on Double Anisotropic Layers (Short Papers)

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*M. Horno and R. Marques. "Coupled Microstrips on Double Anisotropic Layers (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.4 (Apr. 1984 [T-MTT]): 467-470.*

A variational expression is presented for the mode capacitances of coupled microstrip lines with double anisotropic layered substrates. It is shown that the even-and odd-mode phase velocities can be made equal when a sapphire layer is deposited on a boron nitride substrate. High coupler directivity can be achieved with appropriate values of both layers' thicknesses.

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