

Abstracts

An Expression for the S-Parameters of Arbitrarily Oriented Microstrip Lines

L.C. Howard and J.M. Dunn. "An Expression for the S-Parameters of Arbitrarily Oriented Microstrip Lines." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1543-1546.

An approximate expression for the coupled S-parameters of skew microstrip lines is derived. The expression is compared to the model for parallel coupled lines. An experiment to test the approximation for skew lines is described, and measured and predicted results are compared.

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