

Abstracts

New Microwave Network Identities for CAD Modeling

D. Neuf. "New Microwave Network Identities for CAD Modeling." 1990 MTT-S International Microwave Symposium Digest 90.3 (1990 Vol. III [MWSYM]): 1187-1190.

Network identities are allow one to model homogeneous two, three, presented which symmetric and or four coupled lines by using ideal 180 degree hybrids and separate uncoupled transmission lines representing each characteristic mode. These identities are helpful to intuitively understand the performance of these couplers as well as analyze them using commercially available CAD programs.

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