

Abstracts

Analysis and Optimization of E-Plane Directional Couplers

S. Labonte and W.J.R. Hoefer. "Analysis and Optimization of E-Plane Directional Couplers." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 721-724.

A procedure for the simulation of E-plane coupled hybrids is proposed. The component is divided into cascade of uniformly coupled subsections which are individually analyzed with a spectral domain program. The validity of the approach is confirmed by measurements several couplers.

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