

Abstracts

Original techniques for designing wideband 3D integrated couplers

C. Person, L. Carre, E. Rius, J.P. Coupez and S. Toutain. "Original techniques for designing wideband 3D integrated couplers." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. 1 [MWSYM]): 119-122.

In this paper, we propose some original technological configurations for implementing highly coupled wideband structures in a 3D environment. Thanks to a convenient combination of thinkable topologies, difficulties commonly encountered with a classical approach can be solved. Different design examples of couplers are given, and experimental and simulated results are presented.

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