

Abstracts

Wideband 0-dB branch-line directional couplers

D. Kholodniak, G. Kalinin, E. Vernoslova and I. Vendik. "Wideband 0-dB branch-line directional couplers." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1307-1310.

Enlarging the operating frequency band of 0-dB directional couplers by using branch-line structures of a special type is discussed. Analysis of the basic configuration by the even-odd mode decomposition technique is performed. An experimental verification is presented.

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