

Abstracts

Compact multi-level folded coupled line RF couplers

R.K. Settaluri, A. Weisshaar, C. Lim and V.K. Tripathi. "Compact multi-level folded coupled line RF couplers." 1999 MTT-S International Microwave Symposium Digest 99.4 (1999 Vol. IV [MWSYM]): 1721-1724 vol.4.

A new design methodology for compact folded line directional couplers in a multi-layer medium is presented. Multi-layer coupled line and branch line couplers are realizable as embedded passives in RF and mixed signal modules. Examples of two layer structures are included to demonstrate the design techniques.

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