

# Abstracts

## Design of Quasi-Ideal Couplers Using Multilayer MMIC Technology

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*M. Engels and R.H. Jansen. "Design of Quasi-Ideal Couplers Using Multilayer MMIC Technology." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 1181-1184.*

Mode-related design equations not available to date are presented and discussed for quasi-ideal couplers using multilayer MMIC/MCM technology. The resulting couplers have close-to-zero reflection and new-perfect isolation over very large bandwidths. Several such couplers with varied coupling coefficients have been designed to demonstrate their realizability.

 [Return to main document.](#)