

Abstracts

Design Methodology, Measurement and Application of MMIC Transmission Line Transformers

M. Engels, R.H. Jansen, W. Daumann, R.M. Bertenburg and F.J. Tegude. "Design Methodology, Measurement and Application of MMIC Transmission Line Transformers." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1635-1638.

A design methodology is presented for MMIC transmission line transformers (TLTs) typically having three conductor levels. Several such structures on GaAs have been processed and measured showing good broadband performance. The usefulness of TLTs is demonstrated by an MMIC amplifier design.

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