

# Abstracts

## TEM Equivalent Circuits for Quasi-TEM Couplers

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*S. Cheng and M.L. Edwards. "TEM Equivalent Circuits for Quasi-TEM Couplers." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 387-390.*

Equivalent circuits for TEM couplers (1,2), important in the design of coupled line filters, E.G. interdigital or combline, are inadequate approximations for quasi-TEM structures such as microstrip. Exact quasi-TEM coupler equivalent circuits are developed consisting of TEM line configurations suitable for CAE design and analysis applications.

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