

Abstracts

Improved compaction of multilayer MMIC/MCM baluns using lumped element compensation

R.H. Jansen, J. Jotzo and R. Engels. "Improved compaction of multilayer MMIC/MCM baluns using lumped element compensation." 1997 MTT-S International Microwave Symposium Digest 1. (1997 Vol. 1 [MWSYM]): 277-280.

A novel lumped impedance matched type of Marchand balun in MMIC/MCM technology is described which is compact enough even for the low-GHz frequency range. Broadband performance and balance of this component are sufficient for the use in many wireless applications.

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