Abstracts

Design and performance of GaAs MMIC CPW baluns using overlaid and spiral couplers

T. Gokdemir, S.B. Economides, A. Khalid, A.A. Rezazadeh and I.D. Robertson. "Design and performance of GaAs MMIC CPW baluns using overlaid and spiral couplers." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 401-404.

The design and performance of microwave and MM-wave baluns using multilayer GaAs MMIC technology is presented. For MM-wave designs a compact overlaid coupler is employed. For lower frequencies it is shown that novel spiral couplers can be used. Results for baluns operating at 30-40 GHz and 5-15 GHz are presented.

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