

Abstracts

Practical Realisation of Difficult Microstrip Line Hybrid Couplers and Power Dividers

H. Ashoka. "Practical Realisation of Difficult Microstrip Line Hybrid Couplers and Power Dividers." 1992 MTT-S International Microwave Symposium Digest 92.1 (1992 Vol. I [MWSYM]): 273-276.

Microstrip line asymmetrical branch-line couplers, Wilkinson power dividers, and rat race hybrids with coupling values and division ratios that are almost unrealisable using conventional techniques, have been realised using impedance - and admittance inverters with practical microstrip line dimensions. Experimental results for some extreme examples are given.

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