

Practical Realisation of Difficult Microstrip Line Hybrid Couplers and Power Dividers

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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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