

Abstracts

Symmetrical 2N-Port Directional Couplers

M.E. Hines. "Symmetrical 2N-Port Directional Couplers." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 63-66.

This is a theoretical study of 2N-port symmetrical directional couplers, with particular emphasis on six-port devices. Four classes are treated, with design principles given. One application is a power divider for use in a steerable 3-element phased array antenna.

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