

Abstracts

Planar Multiport Quadrature-Like Power Dividers/Combiners

A.A.M. Saleh. "Planar Multiport Quadrature-Like Power Dividers/Combiners." 1981 *Transactions on Microwave Theory and Techniques* 29.4 (Apr. 1981 [T-MTT]): 332-337.

A new class of planar, multiport power dividers/combiners is presented that is a generalization of the branch-line four-port 3-dB quadrature hybrid. They are suitable for combining an arbitrary number of identical reflection-type or transmission-type devices while maintaining a match at the input port. Experimental results are included for a four-way hybrid power divider/combiner.

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