

Abstracts

A Upsilon to Delta Transformation of a Three-Way Hybrid Junction (Correspondence)

J.H. Lange, Jr. and B.E. Rose. "A Upsilon to Delta Transformation of a Three-Way Hybrid Junction (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.10 (Oct. 1969 [T-MTT]): 789-790.

A three-way power divider/summer in the Wilkinson configuration can be symmetrically fabricated in stripline if the /spl Upsilon/ resistive balancing network is replaced by a /spl Delta/ resistive network. Port-to-port isolation in a stripline circuit at 2 GHz exceeded 27 dB; loss was below 0.15 dB.

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