

Abstracts

Microwave Allpass Networks--Part II

S.O. Scanlan and J.D. Rhodes. "Microwave Allpass Networks--Part II." 1968 Transactions on Microwave Theory and Techniques 19.2 (Feb. 1968 [T-MTT]): 72-79.

In this paper synthesis procedures are developed for the direct realization of a complete microwave allpass network without the reduction of the network to cascades of C- and D-type sections which include interdigital line structures. The application of microwave allpass networks to the phase correction of conventional microwave filters and to the construction of delay networks with linear delay characteristics is also presented.

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