

Abstracts

On the Existence Range of the S Parameters of a Passive Two-Port Network (Short Papers)

E. Carli and T. Corzani. "On the Existence Range of the S Parameters of a Passive Two-Port Network (Short Papers)." 1974 Transactions on Microwave Theory and Techniques 22.9 (Sep. 1974 [T-MTT]): 835-837.

The existence range of the S parameters of a passive two-port is analyzed and various limitations on their moduli are deduced. In particular, it is shown that when three moduli are given, the last, in general, may be upper and lower bounded by passivity conditions.

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