

Abstracts

Graphical Filter Analysis

H.N. Dawirs. "Graphical Filter Analysis." 1955 Transactions on Microwave Theory and Techniques 3.1 (Jan. 1955 [T-MTT]): 15-21.

Some well known principles of filters and transmission lines are recalled and used to develop graphical methods of analyzing lossless transmission line filters consisting of a series of symmetrical and identical sections. The results of this development are used to construct a special filter analysis chart by means of which a filter may be completely analyzed from a Smith Chart plot of the input impedance characteristics.

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