Abstracts

Computer Aided Analysis of Noise in Lossy Microwave Filters (Short Papers)

Computer programs for the analysis of cascaded two-ports, based on chain parameters, can be easily extended to incorporate computation of the noise properties of passive networks. The numerical results obtained for a five-section microstrip bandpass filter indicate that the noise factor is approximately equal to the attenuation, and no significant improvement can be obtained by a mismatch of the source.

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