

Abstracts

Design Equations for a Class of Wide-Band Bandpass Filters (Short Papers)

E.G. Cristal. "Design Equations for a Class of Wide-Band Bandpass Filters (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.10 (Oct. 1972 [T-MTT]): 696-699.

Design equations and experimental data for a class of bandpass filters having up to two attenuation poles at finite frequencies in the stopband are presented. The new designs are obtained by a relatively simple modification of only the end sections of conventional interdigital and half-wave parallel coupled-line filters. Practical realizability constraints generally limit the design technique to wide-band filters.

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