

Abstracts

A Design Method for Noncommensurate Broad-Band Matching Networks (Short Papers)

D.A.E. Blomfield, A.G. Williamson and B. Egan. "A Design Method for Noncommensurate Broad-Band Matching Networks (Short Papers)." 1983 Transactions on Microwave Theory and Techniques 31.9 (Sep. 1983, Part I [T-MTT]): 774-776.

A simple design method for broad-band ladder network impedance transformers having noncommensurate section lengths and predictable passband response is presented. Limitations on section impedances imposed by constructional constraints are more easily met than with commensurate networks, and harmonically related passbands are largely avoided. An example is presented.

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