Abstracts

Computer-Aided Design of Waveguide Multiplexer (Short Papers)

A procedure based on an analysis algorithm and practical rules is described for the design of waveguide multiplexer. Simple rules, which enable the designer to quickly find a near-optimum solution in a small number of iteration steps, are given. An example of a 6-channel communications multiplexer, which utilizes narrow-bandpass elliptic function waveguide filters, is also included.

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