

Abstracts

A Contiguous-Band Multiplexer Design

R.G. Egri, A.E. Williams and A.E. Atia. "A Contiguous-Band Multiplexer Design." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 86-88.

A general contiguous-band multiplexer design procedure is described whereby the total network, including both the filters and manifold, is accurately modeled. All parameters, such as line lengths and filter coupling values, are optimized on a digital computer. Excellent agreement between theory and experiment is shown for a five-channel, 11-GRs multiplexer.

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