

Abstracts

Design of MIC Broadband Contiguous Multiplexer

J.E. Dean and J.D. Rhodes. "Design of MIC Broadband Contiguous Multiplexer." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 147-149.

A novel design and construction technique for MIC broadband filters and contiguous multiplexer is presented. A contiguous multi-plexer having outputs 4-8, 8-12 and 12-18 GHz has been constructed on a single substrate only 2" x 1 1/4", with low passband loss in each channel and highly selective responses at the bandedges. The multiplexer meets most environmental conditions and is very reproduceable.

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