

Abstracts

Isolators in Finline Technique

C. Schieblich and U. Goebel. "Isolators in Finline Technique." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 743-746.

A novel configuration for finline isolators is presented. The magnetic bias field is perpendicular to the broad wall of the ferrite slab, combining resonance-type with field-displacement operation. 40% bandwidth in X-band with an insertion loss of 1 dB was obtained, an extension to higher frequencies is straightforward.

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