

Abstracts

Microwave Transmission Line Frequency Discriminators

H.G. Cho and C.W. Lee. "Microwave Transmission Line Frequency Discriminators." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 279-282.

New types of microwave frequency discriminators are proposed for the narrow band as well as wide-band applications. An example of branch-line hybrid type with 5% operation bandwidth is presented at 4.94 GHz. A bridge type wide-band frequency discriminator is realized using microstrip lines and slot-lines. An experimental discriminator has 50% band-width, which shows good agreement with the theory.

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