

Session B:

Microwave Filters

Chairman: A. E. Williams

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This session presents some of the recent technological advances in the areas of stripline, combline and magneto-static wave filters. The session opens with a paper describing a class of filters whose center frequency is an arbitrary multiple lower than a quarter wavelength. Results on a large order stop band filter are presented. This paper is followed by a unique parallel dielectric resonator filter at 28 GHz which realizes a Chebychev group delay response. The next two papers are devoted to combine structures via a MIC structure and a dielectric block. In the next paper a semi-automatic computer tuning technique is described and the session concludes with further progress being described on the performance of MSW filters.

8:00 a.m.-9:30 a.m., Tuesday, May 8, 1990
West Ballroom C