

Abstracts

New Possibilities of Cavity-Filter Design by a Novel TE-TM- Mode Iris-Coupling

U. Rosenberg and D. Wolk. "New Possibilities of Cavity-Filter Design by a Novel TE-TM- Mode Iris-Coupling." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1155-1158.

TE-TM resonances, being located in adjacent (physical) cavities are coupled by an iris. This new method is shown to provide realization of advantageous new coupling structures in dual- triple- mode cavity filter design. First experimental results obtained by a 7- pole filter (dual-/triple- mode cavities) are presented.

 [Return to main document.](#)