

Abstracts

Folded dual-mode HTS microstrip band pass filter

K.F. Raihn and G.L. Hey-Shipton. "Folded dual-mode HTS microstrip band pass filter." 2002 MTT-S International Microwave Symposium Digest 02.3 (2002 Vol. III [MWSYM]): 1959-1962 vol.3.

A novel dual-mode HTS microstrip resonator is presented. Interdigitated capacitive networks replace the usual distributive coupling. Also, a novel symmetrically folded technique is used that reduces the physical size of the structure while minimizing unwanted coupling and maintaining well defined transmission zeros.

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