

Abstracts

Edge-coupled coplanar waveguide bandpass filter design (2000 Vol. I [MWSYM])

T. Weller. "Edge-coupled coplanar waveguide bandpass filter design (2000 Vol. I [MWSYM])." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. I [MWSYM]): 335-338.

This paper describes a new technique for the design of edge-coupled coplanar waveguide bandpass filters. The topology consists of asymmetric coupled-slot pairs that are symmetric about the center of the CPW line. Experimental results are given for a 20 GHz filter printed on high-resistivity silicon.

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