

Novel reduced-size coplanar-waveguide bandpass filters

Yu-Kang Kuo, Chi-Hsueh Wang and Chun Hsiung Chen. "Novel reduced-size coplanar-waveguide bandpass filters." *2001 Microwave and Wireless Components Letters* 11.2 (Feb. 2001 [MWCL]): 65-67.

Two novel reduced-size coplanar-waveguide (CPW) bandpass filters are proposed. Specifically, the bended short-end parallel stubs together with the folded open-end series stubs are utilized to design a broadband filter, and the slow-wave structures are adopted to implement a narrowband filter. In this study, the proposed filters are examined, theoretically and experimentally.

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