

Abstracts

Novel Microstrip Directional Band-Pass/Band-Stop Couplers and Filters

J. Watkins and S. Uysal. "Novel Microstrip Directional Band-Pass/Band-Stop Couplers and Filters." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 411-414.

A new class of microstrip band-pass/band-stop and periodic couplers and filters are described in this paper. Multi-function performance can be obtained from these components due to their directional properties. The design aspects and the predicted results of these circuits are presented. The theory is verified by an experimental band-pass coupler designed on alumina substrate.

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