

Abstracts

A Novel Matched Diplexer Configuration in E-Plane Technology

A. Morini, T. Rozzi, D. De Angelis and W. Gulloch. "A Novel Matched Diplexer Configuration in E-Plane Technology." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 1077-1080.

A new arrangement for the realization of waveguide diplexers is proposed. A single inductive post, located in the cavity between the input waveguide and the bifurcation is used as matching element retaining full planar technology. This provides a inexpensive and effective solution.

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