

Abstracts

Lumped element circulator (LEC) with variable couplings

A.G. Schuchinsky. "Lumped element circulator (LEC) with variable couplings." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 1165-1168 vol.3.

The paper addresses the modelling and design issues of a stripline lumped element circulator (LEC). The concept of local coupling and a novel LEC equivalent circuit are proposed. The features of non-uniform strip conductor topologies which allow somewhat independent alteration of inductive and capacitive couplings, are discussed.

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