

Abstracts

Thermostable stripline lumped element circulator for UHF applications

A.G. Schuchinsky. "Thermostable stripline lumped element circulator for UHF applications." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 625-628.

The paper reports on the design features and development of a thermostable stripline lumped element circulator operating in the above resonance mode. Improvements in insertion loss and temperature stability were achieved by virtue of a new integral topology for the conductors' crossover and a novel arrangement of the DC magnetic circuit. Circulator prototypes demonstrated excellent performance in the frequency range 70-400 MHz.

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