

Novel Ferrite Circulator Junctions with Predicted Performance

A.M. Borjak and L.E. Davis. "Novel Ferrite Circulator Junctions with Predicted Performance." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1393-1396.

New results are presented for the circulation conditions and predicted performance of a symmetrical Y ring circulator (6 GHz) and of a new asymmetrical W disk circulator (94 GHz). The latter has two ports positioned 60° away from a middle port. The components can, in principle, be more compact than conventional disk circulators.

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