

Abstracts

A General Equivalent Network of the Input Impedance of Symmetric Three-Port Circulators (Short Paper)

G. Bittar and G. Veszely. "A General Equivalent Network of the Input Impedance of Symmetric Three-Port Circulators (Short Paper)." 1980 Transactions on Microwave Theory and Techniques 28.7 (Jul. 1980 [T-MTT]): 807-808.

Starting from the network model of ferrite-filled resonators, a general equivalent network of the input impedance of symmetric, three-port circulators is given. The main advantage of the network, that it contains the original elements of the resonator model, so the physics of operation can be clearly seen and the results of field analysis can be directly used.

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