

Abstracts

Network Modelling of Interacting Capacitive Irises and Steps in Waveguide

T.E. Rozzi. "Network Modelling of Interacting Capacitive Irises and Steps in Waveguide." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 197-199.

A unified approach is presented for modelling capacitive irises and steps in standard and oversize guides. The variational solution yields an accurate wideband equivalent network with explicit, geometry-dependent element values. Design information is provided.

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