

Abstracts

Coupler Design in Open Dielectric Waveguide with Web Registration

G.M. Lindgren. "Coupler Design in Open Dielectric Waveguide with Web Registration." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 11-13.

The design and evaluation of an open dielectric waveguide 3 dB coupler with web registration is described. The design includes the selection of waveguide permittivity, size and shape. This design achieved 3 percent bandwidth with 0.7 dB insertion loss, and greater than 22 dB isolation.

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