

Abstracts

Filled Image Guide for Millimeter-Wave Circuits

M.-Q. Shi and D.-H. Jiang. "Filled Image Guide for Millimeter-Wave Circuits." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 611-612.

In this paper the method of optimal design is dealt with for six parameters selected by the Orthogonal Array Table (OAT). A lot of sets of parameters are presented, by which the filled image guides have optimal propagation properties. The guiding ability is strengthened greatly as the hollow core is filled with another dielectric material.

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