

Abstracts

Dispersion in Anisotropic NRD Waveguide

A.C. Cesar and R.F. Souza. "Dispersion in Anisotropic NRD Waveguide." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 1271-1272.

NRD waveguide is a proposed structure for millimeter wave applications. In this paper, the isotropic dielectric of this structure is replaced by a longitudinally magnetized ferrite, allowing the implementation of NRD non-reciprocal devices. Numerical results for the dispersion of the first few propagation modes in this structure is presented.

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