

Abstracts

Scattering of Surface Waves by Nonuniform Waveguides

S.T. Peng, S.J. Xu and F.K. Schwering. "Scattering of Surface Waves by Nonuniform Waveguides." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 627-630.

We present here an analysis of a class of nonuniform dielectric waveguides by the method of staircase approximation. Numerical data are obtained to develop guidelines for the design of transition dielectric waveguides for integrated optical or millimeter-wave applications.

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