Abstracts

Attenuation Constants of Waveguides with General Cross Sections (Correspondence)

The cutoff frequencies and the fileld configurations of waveguides with general cross section can be calculated approximately by the point-matching method, provided that the method is applicable. With the field configurations of the ideal waveguide (with perfectly conducting guide walls) known, it is expected that the attenuation constant due to the finite conductivity of the guide walls may be estimated numerically.

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