Abstracts

The Impedance and Scattering Properties of a Plane Annulus Surrounding a Goubau Line (Correspondence)

The impedance and scattering properties of a perfectly conducting plane annulus surrounding a Goubau line is investigated. Computations based upon data from a previous paper by Gillespie and Gustincic are presented. They include the transmission coefficient with the obstacle on the line, the impedance of the obstacle, and the fractions of power transmitted, reflected, and radiated.

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