

Abstracts

Periodically Loaded Transmission Lines (Short Papers)

J. Perini. "Periodically Loaded Transmission Lines (Short Papers)." 1980 *Transactions on Microwave Theory and Techniques* 28.9 (Sep. 1980 [T-MTT]): 1029-1031.

In this paper equations for the transmission parameters of a periodically loaded line are derived in closed form with no restriction on the size, type or number of discontinuities. The equations also take into consideration any attenuation that may exist on the line. Several plots of the input reflection coefficient are presented and compared with experimental results. The agreement is very good.

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