

# Abstracts

## Characteristic Impedances of Four-Conductor Transmission Line (Short Papers)

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S.A. Ivanov. "Characteristic Impedances of Four-Conductor Transmission Line (Short Papers)." 1981 *Transactions on Microwave Theory and Techniques* 29.6 (Jun. 1981, Part I [T-MTT]): 611-615.

A general formula for calculation of the characteristic impedance of four conductor transmission line in a rectangular shield is derived. A number of coupled and single strip transmission lines are considered by simplifying the general formula. Numerical results for a line in a square shield are presented graphically.

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