

Abstracts

A Simple Analysis of a Symmetric Waveguide Five-Port Junction

M.E. Bialkowski. "A Simple Analysis of a Symmetric Waveguide Five-Port Junction." 1992 Microwave and Guided Wave Letters 2.2 (Feb. 1992 [MGWL]): 55-57.

A simple analysis of a symmetric waveguide five-port junction is described. Based on this analysis a computer algorithm for determining the admittance matrix parameters for the junction is developed. The validity of the algorithm is verified through the comparison with computationally more involved algorithms and experiment.

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