

Abstracts

A Variant in the Measurement of Two-Port Junctions

G. Deschamps. "A Variant in the Measurement of Two-Port Junctions." 1957 Transactions on Microwave Theory and Techniques 5.2 (Apr. 1957 [T-MTT]): 159-161.

Projective constructions are described for deducing the iconocenter of a two-port junction from input reflection coefficient measurements taken with a short circuit placed in various positions in the output waveguide. The wavelength in the output line is deduced from a four-point measurement. If this wavelength is known in advance, a three-point measurement gives all the information needed to construct the iconocenter.

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