

Abstracts

Measurement of Reflection Coefficients through a Lossless Network (Correspondence)

H.F. Mathis. "Measurement of Reflection Coefficients through a Lossless Network (Correspondence)." 1955 Transactions on Microwave Theory and Techniques 3.5 (Oct. 1955 [T-MTT]): 58-58.

Often it is not convenient to measure a reflection coefficient directly. In some such cases, the following procedure may be used. The arrangement of components shown in Fig. 1 will be considered. It will be assumed that lines Nos. 1 and 2 are lossless. These lines may be transmission lines, waveguides, or one of each.

[Return to main document.](#)