

Abstracts

A Simple Technique for Investigating Defects in Coaxial Connectors (Short Papers)

W.C. Daywitt. "A Simple Technique for Investigating Defects in Coaxial Connectors (Short Papers)." 1987 Transactions on Microwave Theory and Techniques 35.4 (Apr. 1987 [T-MTT]): 460-464.

This paper describes a technique that uses swept-frequency automatic network analyzer (ANA) data for investigating electrical defects in coaxial connectors. The technique will be useful to connector and ANA manufacturers and to engineers interested in determining connector characteristics for error analyses. A simplified theory is presented and the technique is illustrated by applying it to perturbations caused by the center conductor gap in a 7-mm connector pair.

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