

Propagation Constant Determination in Microwave Fixture De-Embedding Procedure

J.P. Mondal and T.-H. Chen. "Propagation Constant Determination in Microwave Fixture De-Embedding Procedure." 1988 Transactions on Microwave Theory and Techniques 36.4 (Apr. 1988 [T-MTT]): 706-714.

An improper choice of dimensions for the standards used in the microwave de-embedding procedure will cause errors in the determination of the propagation constant. This leads to unrealistic values for the attenuation constant, which in turn causes errors in the de-embedded results. Proper selection of dimensions is made to minimize such errors. Physically realistic values are obtained with this selection.

 [Return to main document.](#)