

Abstracts

On the Scattering Parameters of a Reduced Multiport (Correspondence)

T.Y. Otoshi. "On the Scattering Parameters of a Reduced Multiport (Correspondence)." 1969 *Transactions on Microwave Theory and Techniques* 17.9 (Sep. 1969 [T-MTT]): 722-724.

A microwave receiving system often contains a multiport (such as a directional coupler, polarizer, or hybrid junction) that has been calibrated in the laboratory. The multi-port properties calibrated are usually the scattering parameters which are defined for matched load conditions. However, when the multiport is installed in the system, the terminations as seen looking out of the various ports are not generally matched.

[Return to main document.](#)

Click on title for a complete paper.