

# Abstracts

## On the Scattering Parameters of a Reduced Multiport (Correspondence)

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*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.](#)