Abstracts

A Wide-Band Nearly Constant Susceptance Waveguide Element (Correspondence)

J.G. Bryan and F.J. Rosenbaum. "A Wide-Band Nearly Constant Susceptance Waveguide Element (Correspondence)." 1971 Transactions on Microwave Theory and Techniques 19.11 (Nov. 1971 [T-MTT]): 889-891.

Experimental results are presented for a movable metal iris which exhibits a nearly frequency-independent susceptance. This characteristic is related to the susceptance of a centered capacitive obstacle in a waveguide modified by an empirical frequency dependent correction factor.

❑ Return to main document.