

Abstracts

Operating Dynamics and Performance Limitations of Ferrite Digital Phase Shifters (1967 [MWSYM])

G.P. Rodrigue, J.L. Allen, L.J. Lavedan and D.R. Taft. "Operating Dynamics and Performance Limitations of Ferrite Digital Phase Shifters (1967 [MWSYM])." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 107-110.

Concerted efforts expended in the development of waveguide ferrite digital phase shifters have resulted in significant contributions to a precise understanding of these devices. The technology has now progressed to a point where rather definite performance capabilities and limitations can be discussed. Achievable phase shift and loss are normally restricted by constraints imposed by the intended application. Optimum performance clearly must be defined in the light of size, weight, and power handling ability requirements.

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