

Abstracts

High Power, Low Phase Distortion, Electronic Ferrite Attenuator

L. Dubrowsky, J. Cohen, G. Kern, W. Milberger, R. Porter and J. VanDamme. "High Power, Low Phase Distortion, Electronic Ferrite Attenuator." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 260-262.

This paper discusses the unique design and fabrication methods for the waveguide, coolant channels, and drive yokes of an electronically driven, S-band, high power, four-port, differential phase shift type attenuator. These methods result in a fast-switching, low drive power, low-loss device, with relatively small size and light weight.

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