

Abstracts

A New Variable Microwave Attenuator (Correspondence)

R. Ekinge and T. Hedstrom. "A New Variable Microwave Attenuator (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.9 (Sep. 1970 [T-MTT]): 661-662.

The described variable attenuator utilizes p-i-n diodes and three-port hybrids. Two arrangements of the diodes are investigated. The corresponding attenuators have basically different performances. An experimental device was built in stripline technique and a measured attenuation variable from 0 to 28 dB over the entire X-band was obtained.

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