

Abstracts

A Low Phase Shift Attenuator

S. Walker. "A Low Phase Shift Attenuator." 1994 *Transactions on Microwave Theory and Techniques* 42.2 (Feb. 1994 [T-MTT]): 182-185.

An PIN diode attenuator with an average of $0.25^\circ/\text{dB}$ phaseshift between 2.5GHz and 5.3GHz has been modelled and constructed. In particular the attenuator has similar phase at 0dB and 12dB of attenuation to within 0.5° over most of the band. The input match is better than 10 dB over the attenuation range of 0 to 10 dB.

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