

Abstracts

Microwave Phase Comparator

J.A. Kaiser, H.B. Smith, Jr., W.H. Pepper and J.H. Little. "Microwave Phase Comparator." 1962 PGMTT National Symposium Program and Digest 62.1 (1962 [MWSYM]): 94-98.

This paper presents a circuit for measuring relative phase between two microwave signals of the same frequency. The principle of phase comparison described presents no ambiguities throughout 360 degrees and is independent of relative signal amplitudes. There are no moving parts or variable phase shifters. Phase angle can be indicated automatically and instantaneously.

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