

Abstracts

Single Hybrid Tee Frequency Discriminator (Letters)

J. Nigrin, N.A. Mansour and WA.G. Voss. "Single Hybrid Tee Frequency Discriminator (Letters)." 1975 Transactions on Microwave Theory and Techniques 23.9 (Sep. 1975 [T-MTT]): 776-778.

A novel single hybrid tee frequency discriminator is investigated. It consists of ordinary microwave components and its tuning is achieved by means of a movable short circuit. The discriminator properties are comparable to those of an ordinary phase discriminator. Because of its simplicity, the discriminator can be used for instantaneous frequency measurements in nanosecond time intervals.

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