

Abstracts

Reciprocal and Nonreciprocal Switches Utilizing Ferrite Junction Circulators (Correspondence)

A. Clavin. "Reciprocal and Nonreciprocal Switches Utilizing Ferrite Junction Circulators (Correspondence)." 1963 *Transactions on Microwave Theory and Techniques* 11.3 (May 1963 [T-MTT]): 217-218.

The symmetrical ferrite junction circulator has assumed a position of prominence in recent years due to its small physical size and excellent electrical characteristics. The device was described theoretically by Auld, and other investigators have contributed to the design of improved electrical characteristics. Due to their low loss, these circulators have found wide use with parametric and tunnel diode amplifiers. Other applications include duplexers, multiplexer and load isolators.

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