Abstracts

Reciprocal Latching Ferrite Phase Shifter

E. Schlomann, M. Harris and J.J. Green. "Reciprocal Latching Ferrite Phase Shifter." 1966 G-MTT International Microwave Symposium Digest 66.1 (1966 [MWSYM]): 256-260.

In a latching ferrite phase shifter the magnetic material is used in sample shapes such as toroids in which the magnetic flux can be closed onto itself. This has the advantage that in the operation of the device no holding current is required. The switching is performed by means of current pulses. According to their direction, these current pulses either reverse the direction of the magnetization or leave it unchanged.

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