

Abstracts

A Differential Microwave Phase Shifter (Correspondence)

R.W. Beatty. "A Differential Microwave Phase Shifter (Correspondence)." 1964 Transactions on Microwave Theory and Techniques 12.2 (Mar. 1964 [T-MTT]): 250-251.

It is well known that a standard phase shifter can be constructed by combining a short-circuited section of uniform waveguide and a tuned, single directional coupler type of reflectometer, as shown in Fig. 1. In operation, the phase of the side arm output tracks the position of the short-circuiting plunger, once the tuning adjustments have been correctly made.

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