

# Abstracts

## Quick Coaxial Phaseshifter for 150 Watts (Correspondence)

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*H. Gerke and A. Paulin. "Quick Coaxial Phaseshifter for 150 Watts (Correspondence)." 1964 Transactions on Microwave Theory and Techniques 12.6 (Nov. 1964 [T-MTT]): 620-621.*

In some RF and microwave systems it might be necessary to arrange a sudden phase jump of the RF power. For this purpose we have developed a phase shifter which switches an energy of 150 w at 500 Mc for any angle between 0 and 3600. With semiconductor diodes the energy will be switched from one path in the coaxial line to the other. The system remains matched in any case.

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