

# Abstracts

## Planar Circuit Mounted in Waveguide Used as a Downconverter

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Y. Konishi. "Planar Circuit Mounted in Waveguide Used as a Downconverter." 1978  
*Transactions on Microwave Theory and Techniques* 26.10 (Oct. 1978 [T-MTT] (Special Issue on  
Microwave and Millimeter-Wave Integrated Circuits)): 716-719.

This paper describes the equivalent network constants of several patterns of the planar circuit mounted in a waveguide which was proposed by this author. As an example of the application of the circuit, a planar circuit is designed for a 12-GHz band downconverter by using the equivalent network constants.

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