

# Abstracts

## A Low Noise, Room Temperature 12 GHz Parametric Amplifier (Abstract)

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*S.D. Lacey, B.T. Hughes and J.C. Vokes. "A Low Noise, Room Temperature 12 GHz Parametric Amplifier (Abstract)." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 221-221.*

A low noise, room temperature, wideband parametric amplifier is described which could be used for example in 12 GHz satellite ground station receivers. The amplifier has a gain of 26 dB, a  $\frac{1}{2}$  dB bandwidth of 660 MHz and noise temperature between 156 and 171°K.

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