

Abstracts

Distributed Unidirectional Microwave Amplification

R.N. Wallace and M.E. Hines. "Distributed Unidirectional Microwave Amplification." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 88-89.

Six .7-watt IMPATT diodes, directly coupled in tandem to a microstrip isolator have demonstrated electronic amplification and power accumulation at 9 watts input. Stub coupling of the diodes is also effective for higher gain per stage.

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