

Abstracts

A DC-60 GHz GaAs MMIC switch using novel distributed FET

H. Mizutani and Y. Takayama. "A DC-60 GHz GaAs MMIC switch using novel distributed FET." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 439-442.

This paper presents the broadest-band distributed FET MMIC switch ever reported for millimeter-wave applications. The developed switch with the novel structure indicated an insertion loss of less than 1.37 dB and an isolation of better than 23.1 dB with monotonous increase up to 39.6 dB from DC to 60 GHz.

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