

Abstracts

Broad Band Monolithic Cross Point Switch Matrices

S. Powell, P. Becker, M. Dupuis and C. Nagy. "Broad Band Monolithic Cross Point Switch Matrices." 1990 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 90.1 (1990 [MCS]): 127-130.

A series of broadband monolithic switch matrices has been fabricated. Circuits covering DC to 18 GHz are described, including a 4 to 10 GHz fully monolithic 2 by 2 matrix on a single chip with 4 dB insertion loss and greater than 40 dB isolation. The circuits utilize a high isolation microstrip crossover.

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