

Abstracts

Ultra low-cost membrane technology for millimeterwave applications

C. Person, S. Perrot, L. Carri, S. Toutain, J.P. Coupez, G. Legeay and P. Morillon. "Ultra low-cost membrane technology for millimeterwave applications." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1835-1838.

This paper presents an original technique for implementing membrane structures for millimeterwave applications. The process is described and results on transmission lines and filters are given, with simultaneous comparisons between measurements and simulations. According to the performance which are presented, the proposed process appears as an interesting possible alternative for membrane technology.

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