

Abstracts

3D integrated narrow band filters for millimeter wave wireless applications

E. Rius, C. Person, T. Le Nadan, C. Quendo and J.P. Coupez. "3D integrated narrow band filters for millimeter wave wireless applications." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. 1 [MWSYM]): 323-326.

The TFMS (Thin film MicroStrip) technology is an attractive solution for wireless local loop equipment, for filtering and interconnects facilities. This is illustrated through the implementation of narrow-band filters. An original synthesis consisting of including CPW (CoPlanar waveguide) to TFMS transitions for loss reduction and reliability, are presented.

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