

# Abstracts

## 3D integrated narrow band filters for millimeter wave wireless applications

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*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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