

Abstracts

A novel PBG coplanar waveguide

Yun-Qi Fu, Guo-Hua Zhang and Nai-Chang Yuan. "A novel PBG coplanar waveguide." 2001 Microwave and Wireless Components Letters 11.11 (Nov. 2001 [MWCL]): 447-449.

A novel coplanar waveguide with photonic bandgap structure is proposed and is implemented by etching holes in the ground plane with an open connected with the gap between strip line and ground plane. Simulation and measurement results show the existence of a bandgap.

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