

Abstracts

Analysis and design of a vertical CPW transition between microstrip planes

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Different types of vertical connections between microstrip lines on parallel planes have been investigated. A coplanar waveguide (CPW) is used as a vertical connection between the planes. A number of transitions between the horizontal and vertical parts of the connection as well as the influence of the solder are numerically investigated. The most promising transitions have been manufactured and measured with excellent results.

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