

Title (en)

TRANSITION FROM A WAVEGUIDE TO A MICROSTRIP

Title (de)

ÜBERGANG VON EINEM HOHLLEITER AUF EINE STREIFENLEITUNG

Title (fr)

TRANSITION ENTRE UN GUIDE D'ONDES ET UNE MICROBANDE

Publication

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Application

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Abstract (en)

[origin: US2005040911A1] A transition from a waveguide to a microstrip, including a substrate having a plurality of ground surfaces superimposed on one another, the microstrip extending on the substrate and a plurality of through-contacts providing electrical connectivity to the plurality of ground surfaces. Wherein the waveguide includes a waveguide wall with an opening therein, the substrate projecting through the opening into the waveguide such that at least a portion of the microstrip is disposed within the waveguide, at least one of the plurality of ground surfaces being in contact with the waveguide wall.

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