

Abstracts

The Hybrid Integrated Planar/NRD-Guide Technology: A New Concept for Low-Cost Application of Microwave and Millimeter-Wave Circuits

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A novel hybrid integrated planar/NRD-guide architecture is proposed. This technology offers a unique feature of exploiting inherent advantages of planar structures and NRD waveguide for low-cost wireless applications. Experimental results show that the hybrid technology promises to be useful in the design of future microwave and millimeter-wave circuits and systems.

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