

Abstracts

High Dielectric Substrates for Microwave Hybrid Integrated Circuitry

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Microstrip transmission-line components are finding wide application in microwave integrated circuits. Properties of the microstrip structure have previously been investigated for semiconductor dielectrics, low-dielectric ($k < 10$) ceramics, sapphire, and Polyguide. This paper will present the properties of high-dielectric ($k > 10$) substrates in the microstrip configuration.

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